

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090822\
 Data File : VY010383.D
 Acq On : 08 Sep 2022 09:08
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 08 16:22:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/09/2022
 Supervised By :Mahesh Dadoda 09/09/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	282600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	437343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	391235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	197538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	139451	48.124	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.240%		
35) Dibromofluoromethane	7.716	113	135787	46.639	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.280%		
50) Toluene-d8	10.179	98	518879	53.231	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	106.460%		
62) 4-Bromofluorobenzene	12.483	95	181912	46.108	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.220%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	100310	44.464	ug/l	99
3) Chloromethane	2.113	50	154517	50.164	ug/l	96
4) Vinyl Chloride	2.247	62	187905	55.991	ug/l	99
5) Bromomethane	2.650	94	125299	68.529	ug/l	99
6) Chloroethane	2.790	64	123769	60.290	ug/l	98
7) Trichlorofluoromethane	3.125	101	236505	50.275	ug/l	93
8) Diethyl Ether	3.528	74	76308	45.396	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.893	101	141580	48.731	ug/l	96
10) Methyl Iodide	4.088	142	185828	53.166	ug/l	90
11) Tert butyl alcohol	4.948	59	73134	210.961	ug/l	97
12) 1,1-Dichloroethene	3.869	96	133214	47.353	ug/l	86
13) Acrolein	3.723	56	108148	294.691	ug/l	98
14) Allyl chloride	4.473	41	204333	41.267	ug/l #	94
15) Acrylonitrile	5.155	53	193824	221.293	ug/l	98
16) Acetone	3.942	43	198046	273.393	ug/l #	89
17) Carbon Disulfide	4.192	76	371060	43.302	ug/l	100
18) Methyl Acetate	4.473	43	93737	41.696	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	374520	45.539	ug/l	97
20) Methylene Chloride	4.710	84	156390	44.737	ug/l	83
21) trans-1,2-Dichloroethene	5.216	96	152319	47.780	ug/l	87
22) Diisopropyl ether	6.113	45	443869	44.108	ug/l #	93
23) Vinyl Acetate	6.058	43	1397599	221.503	ug/l #	91
24) 1,1-Dichloroethane	6.015	63	265356	45.773	ug/l	99
25) 2-Butanone	6.978	43	274245	230.682	ug/l #	89
26) 2,2-Dichloropropane	6.978	77	254565	48.212	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	175908	48.283	ug/l	89
28) Bromochloromethane	7.332	49	97290	47.991	ug/l #	82
29) Tetrahydrofuran	7.344	42	161094	211.511	ug/l #	86
30) Chloroform	7.503	83	278022	48.700	ug/l	99
31) Cyclohexane	7.783	56	231642	40.979	ug/l	89
32) 1,1,1-Trichloroethane	7.698	97	256633	49.335	ug/l	96
36) 1,1-Dichloropropene	7.911	75	211758	49.572	ug/l	97
37) Ethyl Acetate	7.070	43	110714	45.205	ug/l #	94
38) Carbon Tetrachloride	7.899	117	235616	53.519	ug/l	98
39) Methylcyclohexane	9.185	83	261732	47.459	ug/l	90
40) Benzene	8.161	78	611299	49.967	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090822\
 Data File : VY010383.D
 Acq On : 08 Sep 2022 09:08
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/09/2022
 Supervised By :Mahesh Dadoda 09/09/2022

Quant Time: Sep 08 16:22:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	74864m	54.219	ug/l	
42) 1,2-Dichloroethane	8.234	62	178725	50.385	ug/l	93
43) Isopropyl Acetate	8.271	43	208603	44.682	ug/l #	91
44) Trichloroethene	8.941	130	176392	52.520	ug/l	99
45) 1,2-Dichloropropane	9.216	63	148925	47.779	ug/l	98
46) Dibromomethane	9.307	93	87569	51.151	ug/l	98
47) Bromodichloromethane	9.496	83	215037	51.076	ug/l	99
48) Methyl methacrylate	9.289	41	93662	43.009	ug/l #	86
49) 1,4-Dioxane	9.295	88	23506	997.860	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	565416	234.744	ug/l	91
52) Toluene	10.246	92	395851	50.581	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	221433	48.764	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	249591	48.746	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	123078	50.645	ug/l	98
56) Ethyl methacrylate	10.508	69	167316	46.601	ug/l #	83
57) 1,3-Dichloropropane	10.789	76	208661	49.260	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	202849	206.455	ug/l	93
59) 2-Hexanone	10.831	43	406544	243.405	ug/l	89
60) Dibromochloromethane	10.984	129	154698	52.827	ug/l	100
61) 1,2-Dibromoethane	11.087	107	120452	51.288	ug/l	100
64) Tetrachloroethene	10.721	164	169457	53.111	ug/l	98
65) Chlorobenzene	11.514	112	426683	51.180	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	160690	52.491	ug/l	98
67) Ethyl Benzene	11.593	91	772594	50.607	ug/l	97
68) m/p-Xylenes	11.703	106	607169	104.111	ug/l	92
69) o-Xylene	12.032	106	289293	51.091	ug/l	93
70) Styrene	12.044	104	484921	51.411	ug/l	96
71) Bromoform	12.209	173	99915	52.799	ug/l #	98
73) Isopropylbenzene	12.331	105	766369	48.627	ug/l	99
74) N-amyl acetate	12.142	43	189848	43.663	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	141090	46.583	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	93976m	39.976	ug/l	
77) Bromobenzene	12.611	156	179399	50.039	ug/l	93
78) n-propylbenzene	12.672	91	917360	48.490	ug/l	98
79) 2-Chlorotoluene	12.758	91	510478	47.740	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	643099	48.704	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	50398	44.724	ug/l	89
82) 4-Chlorotoluene	12.855	91	522177	47.427	ug/l	97
83) tert-Butylbenzene	13.075	119	560798	48.885	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	638909	49.272	ug/l	98
85) sec-Butylbenzene	13.251	105	838393	49.419	ug/l	99
86) p-Isopropyltoluene	13.373	119	711226	50.753	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	357138	51.303	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	351988	50.856	ug/l	99
89) n-Butylbenzene	13.697	91	649734	49.048	ug/l	98
90) Hexachloroethane	13.959	117	132514	49.264	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	314707	50.723	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23338	43.728	ug/l	77
93) 1,2,4-Trichlorobenzene	15.007	180	197318	51.381	ug/l	99
94) Hexachlorobutadiene	15.111	225	117904	52.382	ug/l	99
95) Naphthalene	15.239	128	390499	49.006	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	167942	51.634	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090822\
Data File : VY010383.D
Acq On : 08 Sep 2022 09:08
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 09/09/2022
Supervised By :Mahesh Dadoda 09/09/2022

Quant Time: Sep 08 16:22:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 02 16:41:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

