

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092123\
 Data File : VY015666.D
 Acq On : 21 Sep 2023 09:32
 Operator : SY/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 : John Carlone 09/22/2023
 Supervised By : Mahesh Dadoda 09/22/2023

Quant Time: Sep 22 01:16:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	147593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	242989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	220167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	77344	47.628	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.260%		
35) Dibromofluoromethane	7.716	113	75491	51.906	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.820%		
50) Toluene-d8	10.179	98	246212	49.929	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.860%		
62) 4-Bromofluorobenzene	12.483	95	96571	49.903	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	99.800%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	54329	55.844	ug/l	98
3) Chloromethane	2.107	50	67228	54.774	ug/l	98
4) Vinyl Chloride	2.247	62	79921	56.951	ug/l	99
5) Bromomethane	2.644	94	61470	51.765	ug/l	98
6) Chloroethane	2.790	64	57819	55.587	ug/l	99
7) Trichlorofluoromethane	3.119	101	131620	55.926	ug/l	99
8) Diethyl Ether	3.528	74	52588	52.398	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.893	101	82902	56.260	ug/l	94
10) Methyl Iodide	4.088	142	83096	48.067	ug/l	98
11) Tert butyl alcohol	4.966	59	80408	238.948	ug/l #	82
12) 1,1-Dichloroethene	3.869	96	70443	54.251	ug/l	94
13) Acrolein	3.729	56	71884	289.036	ug/l	99
14) Allyl chloride	4.473	41	127321	53.630	ug/l	93
15) Acrylonitrile	5.155	53	186228	252.944	ug/l	98
16) Acetone	3.948	43	260443	299.684	ug/l	94
17) Carbon Disulfide	4.186	76	142555	56.513	ug/l	99
18) Methyl Acetate	4.479	43	151797	52.059	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	273344	51.687	ug/l	98
20) Methylene Chloride	4.710	84	92021	48.173	ug/l	94
21) trans-1,2-Dichloroethene	5.210	96	80630	54.327	ug/l	99
22) Diisopropyl ether	6.119	45	303181	53.064	ug/l	91
23) Vinyl Acetate	6.058	43	910306	258.131	ug/l	96
24) 1,1-Dichloroethane	6.015	63	165003	52.984	ug/l	97
25) 2-Butanone	6.984	43	320852	261.199	ug/l	98
26) 2,2-Dichloropropane	6.978	77	144898	50.907	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	105084	53.333	ug/l	96
28) Bromochloromethane	7.332	49	40946	48.462	ug/l	99
29) Tetrahydrofuran	7.344	42	172689	248.726	ug/l	94
30) Chloroform	7.502	83	175134	52.514	ug/l	96
31) Cyclohexane	7.783	56	116861	51.947	ug/l	93
32) 1,1,1-Trichloroethane	7.698	97	151148	54.901	ug/l	99
36) 1,1-Dichloropropene	7.917	75	119803	55.712	ug/l	99
37) Ethyl Acetate	7.076	43	111018	51.758	ug/l	97
38) Carbon Tetrachloride	7.899	117	132559	56.790	ug/l	97
39) Methylcyclohexane	9.185	83	132166	55.568	ug/l	94
40) Benzene	8.155	78	354482	54.055	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092123\
 Data File : VY015666.D
 Acq On : 21 Sep 2023 09:32
 Operator : SY/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 22 01:16:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/22/2023
 Supervised By : Mahesh Dadoda 09/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	56762m	49.148	ug/l	
42) 1,2-Dichloroethane	8.234	62	118455	52.743	ug/l	95
43) Isopropyl Acetate	8.271	43	189588	51.744	ug/l	98
44) Trichloroethene	8.941	130	98760	53.920	ug/l	99
45) 1,2-Dichloropropane	9.216	63	99262	54.278	ug/l	97
46) Dibromomethane	9.301	93	62725	53.620	ug/l	94
47) Bromodichloromethane	9.496	83	140394	53.843	ug/l	96
48) Methyl methacrylate	9.289	41	83847	52.136	ug/l	91
49) 1,4-Dioxane	9.301	88	23549	1018.973	ug/l #	46
51) 4-Methyl-2-Pentanone	10.069	43	587421	258.664	ug/l	93
52) Toluene	10.246	92	229273	54.231	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	151277	54.102	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	162649	54.039	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	91479	53.362	ug/l	97
56) Ethyl methacrylate	10.508	69	136089	53.867	ug/l #	88
57) 1,3-Dichloropropane	10.788	76	152552	53.064	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	200967	250.430	ug/l	97
59) 2-Hexanone	10.831	43	471155	270.418	ug/l	91
60) Dibromochloromethane	10.984	129	107460	53.698	ug/l	99
61) 1,2-Dibromoethane	11.087	107	87228	52.010	ug/l	100
64) Tetrachloroethene	10.721	164	104042	55.079	ug/l	97
65) Chlorobenzene	11.520	112	257330	53.545	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	102467	54.890	ug/l	98
67) Ethyl Benzene	11.593	91	462487	55.059	ug/l	99
68) m/p-Xylenes	11.703	106	353597	110.751	ug/l	97
69) o-Xylene	12.032	106	170977	54.613	ug/l	99
70) Styrene	12.044	104	298781	55.755	ug/l	96
71) Bromoform	12.209	173	74337	54.952	ug/l #	99
73) Isopropylbenzene	12.331	105	459308	54.380	ug/l	100
74) N-amyl acetate	12.148	43	167623	52.803	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	122004	51.902	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	100574m	55.993	ug/l	
77) Bromobenzene	12.611	156	109705	52.914	ug/l	94
78) n-propylbenzene	12.672	91	562977	54.865	ug/l	99
79) 2-Chlorotoluene	12.758	91	315087	53.870	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	383868	54.288	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	43098	54.032	ug/l	94
82) 4-Chlorotoluene	12.855	91	325479	53.305	ug/l	99
83) tert-Butylbenzene	13.075	119	344258	55.588	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	385029	54.421	ug/l	99
85) sec-Butylbenzene	13.258	105	509089	54.930	ug/l	99
86) p-Isopropyltoluene	13.373	119	428037	55.289	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	220015	53.491	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	218125	53.024	ug/l	99
89) n-Butylbenzene	13.697	91	397796	54.263	ug/l	97
90) Hexachloroethane	13.965	117	82130	54.968	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	203814	53.679	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	23370	50.058	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	122675	51.322	ug/l	99
94) Hexachlorobutadiene	15.117	225	63879	52.185	ug/l	98
95) Naphthalene	15.239	128	321353	51.558	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	113091	51.260	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092123\
Data File : VY015666.D
Acq On : 21 Sep 2023 09:32
Operator : SY/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 :John Carlone 09/22/2023
Supervised By :Mahesh Dadoda 09/22/2023

Quant Time: Sep 22 01:16:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
Response via : Initial Calibration

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

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

