

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081522\
 Data File : VY010030.D
 Acq On : 15 Aug 2022 16:26
 Operator : KP/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/16/2022
 Supervised By :Mahesh Dadoda 08/16/2022

Quant Time: Aug 16 06:26:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 06:22:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	109584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	158288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	149788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	10562	9.599	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	19.200%#		
35) Dibromofluoromethane	7.703	113	10110	10.436	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	20.880%#		
50) Toluene-d8	10.172	98	37167	9.998	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	20.000%#		
62) 4-Bromofluorobenzene	12.477	95	12379	9.081	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	18.160%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	8897	9.193	ug/l	94
3) Chloromethane	2.107	50	12507	15.564	ug/l	99
4) Vinyl Chloride	2.241	62	15606	17.488	ug/l	97
5) Bromomethane	2.637	94	12442	13.110	ug/l	94
6) Chloroethane	2.777	64	10558	17.734	ug/l	100
7) Trichlorofluoromethane	3.113	101	18493	9.833	ug/l	94
8) Diethyl Ether	3.521	74	5056	7.483	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	9678	8.262	ug/l	96
10) Methyl Iodide	4.082	142	10006	7.102	ug/l	98
11) Tert butyl alcohol	4.942	59	5340	47.137	ug/l #	89
12) 1,1-Dichloroethene	3.857	96	8452	7.474	ug/l	99
13) Acrolein	3.716	56	3809	29.380	ug/l	96
14) Allyl chloride	4.460	41	12202	7.681	ug/l	96
15) Acrylonitrile	5.155	53	11155	34.702	ug/l	100
16) Acetone	3.936	43	10617	41.265	ug/l	95
17) Carbon Disulfide	4.180	76	22904	6.300	ug/l	99
18) Methyl Acetate	4.466	43	6053	7.424	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	22204	7.995	ug/l	96
20) Methylene Chloride	4.698	84	13329	6.169	ug/l	98
21) trans-1,2-Dichloroethene	5.210	96	9698	7.683	ug/l	94
22) Diisopropyl ether	6.106	45	26751	8.232	ug/l	94
23) Vinyl Acetate	6.051	43	79192	39.504	ug/l	100
24) 1,1-Dichloroethane	6.003	63	17175	8.373	ug/l	98
25) 2-Butanone	6.978	43	16175	40.252	ug/l	98
26) 2,2-Dichloropropane	6.966	77	17162	9.252	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	11120	8.183	ug/l	98
28) Bromochloromethane	7.319	49	6522	7.959	ug/l	97
29) Tetrahydrofuran	7.338	42	9626	38.110	ug/l	99
30) Chloroform	7.496	83	19367	9.054	ug/l	98
31) Cyclohexane	7.771	56	13626	7.089	ug/l #	91
32) 1,1,1-Trichloroethane	7.697	97	17429	9.423	ug/l	99
36) 1,1-Dichloropropene	7.905	75	12458	8.614	ug/l	96
37) Ethyl Acetate	7.063	43	7626	9.801	ug/l #	91
38) Carbon Tetrachloride	7.892	117	16718	11.219	ug/l	97
39) Methylcyclohexane	9.173	83	13619	7.909	ug/l	95
40) Benzene	8.155	78	37064	8.566	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081522\
 Data File : VY010030.D
 Acq On : 15 Aug 2022 16:26
 Operator : KP/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/16/2022
 Supervised By :Mahesh Dadoda 08/16/2022

Quant Time: Aug 16 06:26:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 06:22:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	3363m	8.139	ug/l	
42) 1,2-Dichloroethane	8.234	62	11861	10.286	ug/l	98
43) Isopropyl Acetate	8.264	43	10761	7.913	ug/l #	89
44) Trichloroethene	8.935	130	12163	10.214	ug/l	94
45) 1,2-Dichloropropane	9.209	63	8513	8.218	ug/l	100
46) Dibromomethane	9.301	93	5968	9.519	ug/l	95
47) Bromodichloromethane	9.496	83	14270	10.081	ug/l	99
48) Methyl methacrylate	9.289	41	4686	7.851	ug/l	89
49) 1,4-Dioxane	9.295	88	1112	194.943	ug/l	99
51) 4-Methyl-2-Pentanone	10.069	43	29741	40.287	ug/l	97
52) Toluene	10.240	92	24531	9.242	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	13044	9.056	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	14499	8.785	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	8333	9.328	ug/l	89
56) Ethyl methacrylate	10.508	69	8250	7.550	ug/l	94
57) 1,3-Dichloropropane	10.788	76	12945	8.955	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	21092	44.018	ug/l	94
59) 2-Hexanone	10.831	43	18461	36.291	ug/l	98
60) Dibromochloromethane	10.977	129	11246	10.832	ug/l	97
61) 1,2-Dibromoethane	11.087	107	7930	9.255	ug/l	97
64) Tetrachloroethene	10.715	164	12267	10.957	ug/l	94
65) Chlorobenzene	11.514	112	30347	9.937	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.587	131	11359	10.280	ug/l	96
67) Ethyl Benzene	11.587	91	44454	8.602	ug/l	99
68) m/p-Xylenes	11.697	106	36115	17.947	ug/l	97
69) o-Xylene	12.026	106	17130	8.979	ug/l	93
70) Styrene	12.038	104	28588	8.801	ug/l	98
71) Bromoform	12.209	173	7296	10.440	ug/l #	98
73) Isopropylbenzene	12.325	105	43546	8.362	ug/l	96
74) N-amyl acetate	12.142	43	8732	6.514	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	9310	7.933	ug/l	96
76) 1,2,3-Trichloropropane	12.629	75	6610m	7.497	ug/l	
77) Bromobenzene	12.605	156	12871	10.166	ug/l	93
78) n-propylbenzene	12.666	91	55567	8.530	ug/l	99
79) 2-Chlorotoluene	12.751	91	31997	8.696	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	40777	9.553	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	2996	7.422	ug/l	95
82) 4-Chlorotoluene	12.849	91	34173	8.887	ug/l	98
83) tert-Butylbenzene	13.074	119	34694	9.237	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	39018	9.080	ug/l	98
85) sec-Butylbenzene	13.251	105	51120	8.871	ug/l	99
86) p-Isopropyltoluene	13.367	119	44005	9.594	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	25613	10.155	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	25996	9.965	ug/l	96
89) n-Butylbenzene	13.696	91	38402	8.781	ug/l	98
90) Hexachloroethane	13.958	117	9242	9.551	ug/l	98
91) 1,2-Dichlorobenzene	13.733	146	23115	10.293	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1603	8.489	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	13317	10.325	ug/l	99
94) Hexachlorobutadiene	15.111	225	8925	11.961	ug/l	99
95) Naphthalene	15.233	128	21765	10.714	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	11944	10.488	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081522\
Data File : VY010030.D
Acq On : 15 Aug 2022 16:26
Operator : KP/MD
Sample : VSTDICC010
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 08/16/2022
Supervised By :Mahesh Dadoda 08/16/2022

Quant Time: Aug 16 06:26:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 16 06:22:55 2022
Response via : Initial Calibration

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

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

