

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040622\
 Data File : VY008223.D
 Acq On : 06 Apr 2022 10:12
 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 04/07/2022
 Supervised By : Mahesh Dadoda 04/07/2022

Quant Time: Apr 07 02:08:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	152460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	251557	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	230853	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117477	50.000	ug/l	0.00

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System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	67840	44.351	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.700%
35) Dibromofluoromethane	7.716	113	75461	47.845	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.700%
50) Toluene-d8	10.179	98	278166	46.813	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.620%
62) 4-Bromofluorobenzene	12.483	95	96403	45.985	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.980%

04/07/2022

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	57337	41.719	ug/l	98
3) Chloromethane	2.113	50	78007	46.610	ug/l	96
4) Vinyl Chloride	2.253	62	103720	46.579	ug/l	99
5) Bromomethane	2.650	94	84507	46.307	ug/l	98
6) Chloroethane	2.796	64	72904	49.772	ug/l	98
7) Trichlorofluoromethane	3.125	101	122304	43.419	ug/l	95
8) Diethyl Ether	3.528	74	42660	46.766	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.899	101	79073	45.254	ug/l	93
10) Methyl Iodide	4.095	142	90585	44.576	ug/l	90
11) Tert butyl alcohol	4.954	59	32840	206.926	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	72668	44.924	ug/l #	78
13) Acrolein	3.729	56	28479	220.467	ug/l	97
14) Allyl chloride	4.479	41	96565	45.373	ug/l #	89
15) Acrylonitrile	5.161	53	104764	241.112	ug/l	98
16) Acetone	3.948	43	92114	263.462	ug/l #	84
17) Carbon Disulfide	4.192	76	195518	42.657	ug/l	99
18) Methyl Acetate	4.479	43	42975	46.248	ug/l #	80
19) Methyl tert-butyl Ether	5.222	73	214736	46.712	ug/l	94
20) Methylene Chloride	4.716	84	89861	50.571	ug/l #	79
21) trans-1,2-Dichloroethene	5.222	96	86556	46.212	ug/l #	79
22) Diisopropyl ether	6.119	45	220035	48.055	ug/l #	90
23) Vinyl Acetate	6.058	43	718620	253.288	ug/l #	84
24) 1,1-Dichloroethane	6.021	63	144420	47.642	ug/l	97
25) 2-Butanone	6.984	43	130712	245.672	ug/l #	74
26) 2,2-Dichloropropane	6.978	77	134066	46.701	ug/l	92
27) cis-1,2-Dichloroethene	6.984	96	102331	47.135	ug/l	81
28) Bromochloromethane	7.332	49	36991	45.491	ug/l #	66
29) Tetrahydrofuran	7.344	42	80444	232.559	ug/l #	71
30) Chloroform	7.503	83	158373	48.250	ug/l	100
31) Cyclohexane	7.783	56	117676	41.157	ug/l #	85
32) 1,1,1-Trichloroethane	7.698	97	142091	46.852	ug/l	94
36) 1,1-Dichloropropene	7.917	75	116097	46.861	ug/l	96
37) Ethyl Acetate	7.070	43	56815	49.090	ug/l #	93
38) Carbon Tetrachloride	7.899	117	125136	46.348	ug/l	96
39) Methylcyclohexane	9.185	83	147705	44.169	ug/l #	83
40) Benzene	8.161	78	343203	48.429	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	29616m	50.962	ug/l	88
42) 1,2-Dichloroethane	8.234	62	95683	48.131	ug/l	88
43) Isopropyl Acetate	8.271	43	106111	46.704	ug/l #	83
44) Trichloroethene	8.941	130	99047	48.332	ug/l	99
45) 1,2-Dichloropropane	9.216	63	82169	49.198	ug/l	95
46) Dibromomethane	9.307	93	53671	48.873	ug/l	97
47) Bromodichloromethane	9.496	83	123300	49.100	ug/l	100
48) Methyl methacrylate	9.295	41	45676	45.390	ug/l #	75
49) 1,4-Dioxane	9.295	88	13012	891.297	ug/l #	82
51) 4-Methyl-2-Pentanone	10.069	43	281111	245.319	ug/l #	83
52) Toluene	10.246	92	229185	49.313	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	126730	49.232	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	142664	48.960	ug/l #	81
55) 1,1,2-Trichloroethane	10.642	97	76597	50.513	ug/l	97
56) Ethyl methacrylate	10.508	69	96837	48.956	ug/l #	72
57) 1,3-Dichloropropane	10.795	76	123020	49.568	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	179121	218.558	ug/l #	88
59) 2-Hexanone	10.831	43	203817	254.186	ug/l	80
60) Dibromochloromethane	10.984	129	92614	50.218	ug/l	99
61) 1,2-Dibromoethane	11.087	107	74211	49.138	ug/l	98
64) Tetrachloroethene	10.721	164	83230	46.941	ug/l	97
65) Chlorobenzene	11.520	112	253963	48.790	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	96855	50.445	ug/l	97
67) Ethyl Benzene	11.593	91	439438	48.167	ug/l	96
68) m/p-Xylenes	11.703	106	357924	98.664	ug/l	89
69) o-Xylene	12.032	106	170618	49.121	ug/l	89
70) Styrene	12.044	104	285436	50.199	ug/l	93
71) Bromoform	12.209	173	58981	50.878	ug/l #	98
73) Isopropylbenzene	12.331	105	447138	46.112	ug/l	98
74) N-amyl acetate	12.142	43	96934	45.476	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.581	83	91099	48.335	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	67971m	47.464	ug/l	
77) Bromobenzene	12.611	156	107030	48.113	ug/l	89
78) n-propylbenzene	12.672	91	527205	46.094	ug/l	96
79) 2-Chlorotoluene	12.758	91	291945	46.013	ug/l	95
80) 1,3,5-Trimethylbenzene	12.813	105	367247	46.231	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.380	75	29764	46.373	ug/l #	81
82) 4-Chlorotoluene	12.855	91	299407	45.990	ug/l	93
83) tert-Butylbenzene	13.075	119	331832	46.887	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	364629	47.135	ug/l	96
85) sec-Butylbenzene	13.258	105	486221	46.545	ug/l	98
86) p-Isopropyltoluene	13.373	119	413272	47.536	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	215243	48.804	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	211486	48.083	ug/l	99
89) n-Butylbenzene	13.697	91	370173	46.278	ug/l	98
90) Hexachloroethane	13.965	117	76488	45.407	ug/l	86
91) 1,2-Dichlorobenzene	13.739	146	191927	49.427	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	12939	43.013	ug/l	66
93) 1,2,4-Trichlorobenzene	15.007	180	111342	47.875	ug/l	99
94) Hexachlorobutadiene	15.117	225	56627	46.026	ug/l	99
95) Naphthalene	15.239	128	243934	47.452	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	96251	47.832	ug/l	99

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

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

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 Supervised By :Mahesh
 Dadoda

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