

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040423\
 Data File : VY013199.D
 Acq On : 04 Apr 2023 19:01
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/05/2023
 Supervised By :Mahesh Dadoda 04/05/2023

Quant Time: Apr 05 01:21:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	122193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	181370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	169365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	68923	52.485	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.980%			
35) Dibromofluoromethane	7.716	113	61027	51.507	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.020%			
50) Toluene-d8	10.179	98	219205	49.007	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.020%			
62) 4-Bromofluorobenzene	12.477	95	78324	53.796	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	47874	39.966	ug/l	100
3) Chloromethane	2.113	50	51341	41.100	ug/l	98
4) Vinyl Chloride	2.247	62	52650	42.039	ug/l	99
5) Bromomethane	2.643	94	37927	42.910	ug/l	96
6) Chloroethane	2.790	64	34880	44.460	ug/l	94
7) Trichlorofluoromethane	3.119	101	92413	41.459	ug/l	99
8) Diethyl Ether	3.527	74	37730	53.904	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.899	101	54139	44.055	ug/l	94
10) Methyl Iodide	4.088	142	80753	50.463	ug/l	96
11) Tert butyl alcohol	4.948	59	39383	332.749	ug/l	100
12) 1,1-Dichloroethene	3.869	96	51807	43.610	ug/l	91
13) Acrolein	3.723	56	42335	254.886	ug/l	98
14) Allyl chloride	4.478	41	84353	41.674	ug/l	91
15) Acrylonitrile	5.155	53	99188	285.176	ug/l	98
16) Acetone	3.942	43	110888	276.147	ug/l	99
17) Carbon Disulfide	4.192	76	157962	39.928	ug/l	99
18) Methyl Acetate	4.472	43	68859	54.423	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	173806	57.737	ug/l	95
20) Methylene Chloride	4.710	84	78343	57.301	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	61579	46.006	ug/l	93
22) Diisopropyl ether	6.112	45	178811	45.216	ug/l #	92
23) Vinyl Acetate	6.051	43	572020	254.361	ug/l	96
24) 1,1-Dichloroethane	6.015	63	104555	44.641	ug/l	99
25) 2-Butanone	6.978	43	139478	277.788	ug/l	96
26) 2,2-Dichloropropane	6.972	77	97563	46.313	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	72068	49.978	ug/l	93
28) Bromochloromethane	7.326	49	46295	46.065	ug/l #	80
29) Tetrahydrofuran	7.344	42	86496	291.009	ug/l	89
30) Chloroform	7.502	83	118188	48.730	ug/l	99
31) Cyclohexane	7.783	56	82455	38.461	ug/l	89
32) 1,1,1-Trichloroethane	7.697	97	105833	49.354	ug/l	99
36) 1,1-Dichloropropene	7.911	75	81088	45.461	ug/l	97
37) Ethyl Acetate	7.069	43	55943	55.212	ug/l	99
38) Carbon Tetrachloride	7.899	117	98124	49.858	ug/l	98
39) Methylcyclohexane	9.179	83	96409	46.072	ug/l	98
40) Benzene	8.155	78	245364	47.627	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	27662m	61.538	ug/l	
42) 1,2-Dichloroethane	8.234	62	86810	54.999	ug/l	100
43) Isopropyl Acetate	8.270	43	103518	57.076	ug/l	96
44) Trichloroethene	8.935	130	72053	50.806	ug/l	96
45) 1,2-Dichloropropane	9.215	63	59735	46.305	ug/l	99
46) Dibromomethane	9.301	93	40136	54.159	ug/l	90
47) Bromodichloromethane	9.490	83	92209	51.567	ug/l	97
48) Methyl methacrylate	9.289	41	49266	58.325	ug/l	90
49) 1,4-Dioxane	9.295	88	13045	1479.657	ug/l	86
51) 4-Methyl-2-Pentanone	10.069	43	289864	296.133	ug/l	96
52) Toluene	10.240	92	160278	50.154	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	100164	54.803	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	106232	50.892	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	58080	56.697	ug/l	98
56) Ethyl methacrylate	10.508	69	84188	65.365	ug/l	98
57) 1,3-Dichloropropane	10.788	76	98727	57.090	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	158353	262.945	ug/l	91
59) 2-Hexanone	10.831	43	256389	362.176	ug/l	100
60) Dibromochloromethane	10.983	129	71819	55.820	ug/l	98
61) 1,2-Dibromoethane	11.087	107	57399	57.831	ug/l	100
64) Tetrachloroethene	10.715	164	60882	46.759	ug/l	96
65) Chlorobenzene	11.514	112	178127	49.542	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	72546	53.820	ug/l	97
67) Ethyl Benzene	11.593	91	306502	49.357	ug/l	100
68) m/p-Xylenes	11.703	106	243660	101.432	ug/l	100
69) o-Xylene	12.026	106	117560	52.761	ug/l	96
70) Styrene	12.038	104	201793	54.139	ug/l	100
71) Bromoform	12.203	173	53247	63.704	ug/l #	99
73) Isopropylbenzene	12.331	105	302357	47.695	ug/l	98
74) N-amyl acetate	12.142	43	91027	52.297	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	68823	51.829	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	52718m	51.098	ug/l	
77) Bromobenzene	12.605	156	81578	51.760	ug/l	91
78) n-propylbenzene	12.666	91	357606	45.879	ug/l	98
79) 2-Chlorotoluene	12.751	91	209584	47.385	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	260045	49.065	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	25256	54.594	ug/l	95
82) 4-Chlorotoluene	12.855	91	220797	47.966	ug/l	99
83) tert-Butylbenzene	13.074	119	228349	50.161	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	260512	50.191	ug/l	99
85) sec-Butylbenzene	13.251	105	327507	47.647	ug/l	98
86) p-Isopropyltoluene	13.367	119	282206	49.872	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	155997	49.930	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	156822	50.090	ug/l	99
89) n-Butylbenzene	13.696	91	249675	47.198	ug/l	98
90) Hexachloroethane	13.958	117	54724	46.423	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	143729	51.511	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13508	61.132	ug/l	91
93) 1,2,4-Trichlorobenzene	15.001	180	91388	56.164	ug/l	99
94) Hexachlorobutadiene	15.111	225	49448	49.412	ug/l	99
95) Naphthalene	15.233	128	182125	52.659	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	72076	50.276	ug/l	98

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

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