

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041422\
 Data File : VY008340.D
 Acq On : 14 Apr 2022 20:08
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/15/2022
 Supervised By :Mahesh Dadoda 04/15/2022

Quant Time: Apr 15 06:17:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	85105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	149400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	146990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	75683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	40429	50.573	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.140%			
35) Dibromofluoromethane	7.715	113	38370	44.466	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.940%			
50) Toluene-d8	10.178	98	129670	43.916	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 87.840%			
62) 4-Bromofluorobenzene	12.477	95	50481	45.454	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 90.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	39508	56.056	ug/l	97
3) Chloromethane	2.113	50	59054	77.026	ug/l	97
4) Vinyl Chloride	2.247	62	83897	69.198	ug/l	96
5) Bromomethane	2.643	94	75456	83.142	ug/l	99
6) Chloroethane	2.789	64	60397	71.124	ug/l	97
7) Trichlorofluoromethane	3.119	101	98184	68.058	ug/l	93
8) Diethyl Ether	3.527	74	36423	69.860	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.893	101	62832	67.049	ug/l	92
10) Methyl Iodide	4.088	142	58955	55.994	ug/l	91
11) Tert butyl alcohol	4.954	59	38097	445.769	ug/l #	95
12) 1,1-Dichloroethene	3.862	96	55382	65.977	ug/l #	79
13) Acrolein	3.722	56	21323	316.868	ug/l	96
14) Allyl chloride	4.478	41	74986	68.448	ug/l #	90
15) Acrylonitrile	5.155	53	102773	403.026	ug/l	99
16) Acetone	3.942	43	72770	378.464	ug/l #	82
17) Carbon Disulfide	4.186	76	127703	57.667	ug/l	100
18) Methyl Acetate	4.472	43	42758	97.992	ug/l #	81
19) Methyl tert-butyl Ether	5.210	73	197221	76.133	ug/l	93
20) Methylene Chloride	4.716	84	77242	80.821	ug/l #	79
21) trans-1,2-Dichloroethene	5.210	96	66348	65.970	ug/l #	81
22) Diisopropyl ether	6.112	45	194027	75.070	ug/l #	92
23) Vinyl Acetate	6.057	43	680875	406.561	ug/l #	87
24) 1,1-Dichloroethane	6.014	63	118304	71.307	ug/l	97
25) 2-Butanone	6.978	43	126167	419.637	ug/l #	73
26) 2,2-Dichloropropane	6.978	77	103573	67.790	ug/l	92
27) cis-1,2-Dichloroethene	6.984	96	83627	70.082	ug/l	82
28) Bromochloromethane	7.331	49	38438	60.445	ug/l #	73
29) Tetrahydrofuran	7.344	42	83345	429.361	ug/l #	75
30) Chloroform	7.502	83	133400	72.009	ug/l	100
31) Cyclohexane	7.782	56	89998	62.258	ug/l #	85
32) 1,1,1-Trichloroethane	7.697	97	115697	71.393	ug/l	95
36) 1,1-Dichloropropene	7.910	75	91834	66.646	ug/l	96
37) Ethyl Acetate	7.069	43	57035	80.274	ug/l #	91
38) Carbon Tetrachloride	7.898	117	101667	68.582	ug/l	99
39) Methylcyclohexane	9.179	83	116558	65.743	ug/l #	85
40) Benzene	8.154	78	282328	68.805	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	31088m	78.212	ug/l	
42) 1,2-Dichloroethane	8.234	62	87554	73.548	ug/l	90
43) Isopropyl Acetate	8.270	43	108441	82.237	ug/l #	86
44) Trichloroethene	8.935	130	77628	66.382	ug/l	97
45) 1,2-Dichloropropane	9.215	63	72565	72.392	ug/l	98
46) Dibromomethane	9.300	93	50241	75.728	ug/l	95
47) Bromodichloromethane	9.496	83	109034	73.078	ug/l	99
48) Methyl methacrylate	9.288	41	45172	80.584	ug/l #	70
49) 1,4-Dioxane	9.294	88	14016	1637.073	ug/l #	77
51) 4-Methyl-2-Pentanone	10.069	43	297626	437.110	ug/l #	84
52) Toluene	10.239	92	189037	69.924	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	114730	75.452	ug/l	100
54) cis-1,3-Dichloropropene	9.928	75	122985	71.691	ug/l #	81
55) 1,1,2-Trichloroethane	10.642	97	72195	76.286	ug/l	97
56) Ethyl methacrylate	10.508	69	96111	82.834	ug/l #	73
57) 1,3-Dichloropropane	10.788	76	114980	75.658	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	156343	342.080	ug/l	91
59) 2-Hexanone	10.831	43	207008	441.834	ug/l	80
60) Dibromochloromethane	10.983	129	84843	76.748	ug/l	99
61) 1,2-Dibromoethane	11.087	107	71268	77.024	ug/l	100
64) Tetrachloroethene	10.715	164	66251	63.949	ug/l	98
65) Chlorobenzene	11.514	112	214836	67.396	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	82881	69.677	ug/l	97
67) Ethyl Benzene	11.593	91	365848	67.488	ug/l	97
68) m/p-Xylenes	11.703	106	291356	135.142	ug/l	92
69) o-Xylene	12.026	106	143879	68.771	ug/l	89
70) Styrene	12.044	104	244645	70.903	ug/l	94
71) Bromoform	12.209	173	54042	75.371	ug/l #	98
73) Isopropylbenzene	12.330	105	371281	65.983	ug/l	99
74) N-amyl acetate	12.141	43	97393	79.724	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.580	83	91134	76.542	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	63785m	76.203	ug/l	
77) Bromobenzene	12.611	156	88069	63.871	ug/l	96
78) n-propylbenzene	12.672	91	442886	66.702	ug/l	98
79) 2-Chlorotoluene	12.757	91	249044	66.834	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	309486	67.075	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	28443	76.031	ug/l #	82
82) 4-Chlorotoluene	12.855	91	258596	67.530	ug/l	96
83) tert-Butylbenzene	13.074	119	279478	67.519	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	308864	67.642	ug/l	97
85) sec-Butylbenzene	13.251	105	421519	68.689	ug/l	100
86) p-Isopropyltoluene	13.367	119	350092	68.365	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	179141	65.600	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	176886	65.447	ug/l	99
89) n-Butylbenzene	13.696	91	313267	67.708	ug/l	99
90) Hexachloroethane	13.958	117	64983	67.894	ug/l	81
91) 1,2-Dichlorobenzene	13.739	146	163961	67.486	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.354	75	13577	79.700	ug/l	77
93) 1,2,4-Trichlorobenzene	15.007	180	86320	60.070	ug/l	99
94) Hexachlorobutadiene	15.110	225	44511	61.013	ug/l	98
95) Naphthalene	15.232	128	216516	70.340	ug/l	99
96) 1,2,3-Trichlorobenzene	15.427	180	79256	63.027	ug/l	98

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

