

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
 Data File : VY007596.D
 Acq On : 23 Feb 2022 13:43
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/28/2022
 Supervised By :Semsettin Yesilyurt 02/28/2022

Quant Time: Feb 23 15:11:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 15:09:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	83208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	127431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	117773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	53009	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	39802	46.317	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.640%		
35) Dibromofluoromethane	7.716	113	35454	44.596	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.200%		
50) Toluene-d8	10.179	98	114744	41.482	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	82.960%		
62) 4-Bromofluorobenzene	12.477	95	39634	39.862	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	79.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	41730	39.567	ug/l	99
3) Chloromethane	2.113	50	42019	44.716	ug/l	97
4) Vinyl Chloride	2.253	62	50899	51.061	ug/l	96
5) Bromomethane	2.650	94	36773	49.150	ug/l	100
6) Chloroethane	2.796	64	32340	51.282	ug/l	100
7) Trichlorofluoromethane	3.125	101	99147	46.032	ug/l	93
8) Diethyl Ether	3.527	74	26361	49.937	ug/l	59
9) 1,1,2-Trichlorotrifluo...	3.899	101	43351	43.554	ug/l	95
10) Methyl Iodide	4.088	142	58949	50.208	ug/l	98
11) Tert butyl alcohol	4.948	59	20314	255.120	ug/l #	92
12) 1,1-Dichloroethene	3.869	96	41473	46.237	ug/l #	67
13) Acrolein	3.729	56	25323	352.444	ug/l	100
14) Allyl chloride	4.478	41	38845	42.836	ug/l #	64
15) Acrylonitrile	5.155	53	45940	239.911	ug/l	97
16) Acetone	3.948	43	46727	230.149	ug/l #	84
17) Carbon Disulfide	4.192	76	95847	41.469	ug/l	98
18) Methyl Acetate	4.478	43	18929	42.399	ug/l #	68
19) Methyl tert-butyl Ether	5.222	73	111054	45.906	ug/l	93
20) Methylene Chloride	4.716	84	45970	45.166	ug/l #	76
21) trans-1,2-Dichloroethene	5.216	96	39159	43.354	ug/l #	76
22) Diisopropyl ether	6.112	45	76341	41.716	ug/l #	77
23) Vinyl Acetate	6.057	43	292178	232.750	ug/l #	81
24) 1,1-Dichloroethane	6.021	63	60501	43.457	ug/l #	95
25) 2-Butanone	6.984	43	51436	228.526	ug/l #	69
26) 2,2-Dichloropropane	6.978	77	67435	43.325	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	47598	46.387	ug/l	78
28) Bromochloromethane	7.338	49	20718	44.992	ug/l #	31
29) Tetrahydrofuran	7.344	42	28684	219.656	ug/l #	53
30) Chloroform	7.508	83	76693	44.583	ug/l	99
31) Cyclohexane	7.783	56	43992	36.085	ug/l #	79
32) 1,1,1-Trichloroethane	7.710	97	75151	43.006	ug/l	95
36) 1,1-Dichloropropene	7.917	75	49054	41.202	ug/l	94
37) Ethyl Acetate	7.063	43	21300	43.864	ug/l #	89
38) Carbon Tetrachloride	7.899	117	72265	43.928	ug/l	97
39) Methylcyclohexane	9.179	83	61168	40.574	ug/l #	79
40) Benzene	8.161	78	141160	43.812	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	13487m	52.427	ug/l	
42) 1,2-Dichloroethane	8.234	62	52465	46.740	ug/l	96
43) Isopropyl Acetate	8.270	43	45799	45.979	ug/l #	87
44) Trichloroethene	8.941	130	47436	43.857	ug/l	100
45) 1,2-Dichloropropane	9.215	63	30558	42.860	ug/l	99
46) Dibromomethane	9.307	93	26143	46.871	ug/l	98
47) Bromodichloromethane	9.496	83	59790	45.671	ug/l #	93
48) Methyl methacrylate	9.289	41	19082	44.998	ug/l #	50
49) 1,4-Dioxane	9.295	88	6513	1016.689	ug/l #	76
51) 4-Methyl-2-Pentanone	10.069	43	116820	235.577	ug/l	90
52) Toluene	10.246	92	93356	42.306	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	55464	41.997	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	62211	44.583	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	31790	44.408	ug/l	99
56) Ethyl methacrylate	10.508	69	38640	44.311	ug/l #	78
57) 1,3-Dichloropropane	10.788	76	50548	44.272	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.782	63	104869	249.607	ug/l #	77
59) 2-Hexanone	10.831	43	81383	226.852	ug/l	90
60) Dibromochloromethane	10.983	129	45643	46.503	ug/l	99
61) 1,2-Dibromoethane	11.087	107	33375	45.853	ug/l	98
64) Tetrachloroethene	10.721	164	42228	42.633	ug/l	98
65) Chlorobenzene	11.514	112	111103	44.293	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	44941	44.964	ug/l	96
67) Ethyl Benzene	11.593	91	185515	42.210	ug/l	98
68) m/p-Xylenes	11.697	106	141548	83.632	ug/l	96
69) o-Xylene	12.026	106	69060	42.386	ug/l	94
70) Styrene	12.044	104	116862	43.071	ug/l	99
71) Bromoform	12.209	173	28465	45.171	ug/l #	99
73) Isopropylbenzene	12.325	105	182563	43.434	ug/l	98
74) N-amyl acetate	12.142	43	38444	48.439	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	33585	47.169	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	23994m	40.467	ug/l	
77) Bromobenzene	12.605	156	47419	47.163	ug/l	80
78) n-propylbenzene	12.666	91	212370	43.329	ug/l	95
79) 2-Chlorotoluene	12.751	91	114849	42.121	ug/l	92
80) 1,3,5-Trimethylbenzene	12.812	105	157116	44.504	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	11289	45.607	ug/l	96
82) 4-Chlorotoluene	12.855	91	120754	43.406	ug/l	95
83) tert-Butylbenzene	13.074	119	140935	44.581	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	154218	44.537	ug/l	99
85) sec-Butylbenzene	13.251	105	197666	43.451	ug/l	97
86) p-Isopropyltoluene	13.367	119	172419	44.497	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	89481	46.739	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	87144	46.288	ug/l	99
89) n-Butylbenzene	13.696	91	155431	44.193	ug/l	95
90) Hexachloroethane	13.958	117	34721	45.054	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	81893	48.027	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7199	51.681	ug/l	83
93) 1,2,4-Trichlorobenzene	15.001	180	57871	49.859	ug/l	99
94) Hexachlorobutadiene	15.111	225	33255	48.100	ug/l	97
95) Naphthalene	15.233	128	127345	53.395	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	50867	50.762	ug/l	98

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

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