

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072622\
 Data File : VY009696.D
 Acq On : 26 Jul 2022 12:54
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/27/2022
 Supervised By :Mahesh Dadoda 07/27/2022

Quant Time: Jul 27 02:14:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 02:13:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	240300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	357839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	331202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	170022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77310	41.862	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.720%		
35) Dibromofluoromethane	7.710	113	88894	45.572	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.140%		
50) Toluene-d8	10.179	98	252071	38.735	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	77.460%#		
62) 4-Bromofluorobenzene	12.477	95	126738	48.877	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	97.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	100282	47.761	ug/l	100
3) Chloromethane	2.107	50	131592	49.732	ug/l	95
4) Vinyl Chloride	2.241	62	146324	50.071	ug/l	97
5) Bromomethane	2.643	94	101793	50.691	ug/l	100
6) Chloroethane	2.784	64	89131	50.896	ug/l	99
7) Trichlorofluoromethane	3.113	101	189516	49.272	ug/l	93
8) Diethyl Ether	3.515	74	62592	49.996	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.887	101	107997	49.582	ug/l	94
10) Methyl Iodide	4.076	142	152693	53.175	ug/l #	87
11) Tert butyl alcohol	4.954	59	55263	215.953	ug/l #	95
12) 1,1-Dichloroethene	3.863	96	103790	50.617	ug/l	82
13) Acrolein	3.723	56	8754	208.047	ug/l	100
14) Allyl chloride	4.466	41	161315	50.078	ug/l #	91
15) Acrylonitrile	5.149	53	152574	249.590	ug/l	98
16) Acetone	3.936	43	169695	294.365	ug/l	90
17) Carbon Disulfide	4.180	76	325617	51.645	ug/l	99
18) Methyl Acetate	4.466	43	70757	41.848	ug/l #	90
19) Methyl tert-butyl Ether	5.204	73	289298	51.199	ug/l	96
20) Methylene Chloride	4.704	84	135798	34.781	ug/l	84
21) trans-1,2-Dichloroethene	5.210	96	120530	50.249	ug/l	83
22) Diisopropyl ether	6.106	45	351902	50.954	ug/l	94
23) Vinyl Acetate	6.051	43	115554	270.951	ug/l #	93
24) 1,1-Dichloroethane	6.003	63	198056	49.737	ug/l	97
25) 2-Butanone	6.978	43	231174	271.106	ug/l #	86
26) 2,2-Dichloropropane	6.972	77	183686	48.506	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	134727	50.392	ug/l	86
28) Bromochloromethane	7.326	49	71248	49.228	ug/l #	80
29) Tetrahydrofuran	7.338	42	140038	258.801	ug/l	89
30) Chloroform	7.496	83	207096	49.786	ug/l	99
31) Cyclohexane	7.777	56	187745	49.269	ug/l	91
32) 1,1,1-Trichloroethane	7.691	97	188316	50.205	ug/l	95
36) 1,1-Dichloropropene	7.911	75	162221	50.647	ug/l	96
37) Ethyl Acetate	7.063	43	95029	50.451	ug/l #	94
38) Carbon Tetrachloride	7.892	117	171416	50.536	ug/l	100
39) Methylcyclohexane	9.179	83	207003	53.057	ug/l	88
40) Benzene	8.155	78	475572	50.632	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	49317m	51.009	ug/l	
42) 1,2-Dichloroethane	8.228	62	132027	50.491	ug/l	90
43) Isopropyl Acetate	8.264	43	170488	51.587	ug/l #	92
44) Trichloroethene	8.935	130	135333	50.307	ug/l	98
45) 1,2-Dichloropropane	9.209	63	116187	50.846	ug/l	95
46) Dibromomethane	9.301	93	69750	50.730	ug/l	96
47) Bromodichloromethane	9.490	83	161192	51.408	ug/l	97
48) Methyl methacrylate	9.289	41	76074	52.358	ug/l #	84
49) 1,4-Dioxane	9.295	88	16923	947.029	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	413233	244.973	ug/l	90
52) Toluene	10.240	92	284638	48.534	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	158553	49.180	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	193293	52.052	ug/l #	84
55) 1,1,2-Trichloroethane	10.642	97	91217	47.427	ug/l	97
56) Ethyl methacrylate	10.508	69	121836	50.646	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	148644	47.259	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	308801	294.514	ug/l	94
59) 2-Hexanone	10.831	43	310747	259.038	ug/l	89
60) Dibromochloromethane	10.983	129	110416	47.521	ug/l	100
61) 1,2-Dibromoethane	11.087	107	89510	47.799	ug/l	100
64) Tetrachloroethene	10.715	164	127605	49.089	ug/l	98
65) Chlorobenzene	11.514	112	329484	49.649	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	123659	50.138	ug/l	98
67) Ethyl Benzene	11.587	91	586785	51.092	ug/l	99
68) m/p-Xylenes	11.697	106	471301	102.694	ug/l	91
69) o-Xylene	12.026	106	221358	51.383	ug/l	90
70) Styrene	12.044	104	375531	51.898	ug/l	94
71) Bromoform	12.203	173	81400	51.463	ug/l #	99
73) Isopropylbenzene	12.325	105	581575	50.798	ug/l	100
74) N-amyl acetate	12.142	43	158465	52.148	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	113916	49.799	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	82241m	49.758	ug/l	
77) Bromobenzene	12.605	156	142441	49.768	ug/l	90
78) n-propylbenzene	12.666	91	697389	51.129	ug/l	98
79) 2-Chlorotoluene	12.751	91	390051	50.771	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	484197	51.130	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	41566	51.154	ug/l	86
82) 4-Chlorotoluene	12.855	91	403029	50.080	ug/l	96
83) tert-Butylbenzene	13.074	119	429012	51.456	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	481789	51.478	ug/l	97
85) sec-Butylbenzene	13.251	105	633479	51.921	ug/l	98
86) p-Isopropyltoluene	13.367	119	539930	52.111	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	281804	50.017	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	280059	49.388	ug/l	98
89) n-Butylbenzene	13.696	91	495174	52.274	ug/l	98
90) Hexachloroethane	13.958	117	100073	49.314	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	251103	49.673	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18806	50.327	ug/l	73
93) 1,2,4-Trichlorobenzene	15.007	180	160452	50.260	ug/l	100
94) Hexachlorobutadiene	15.111	225	93920	48.998	ug/l	98
95) Naphthalene	15.233	128	317457	53.222	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	138734	50.161	ug/l	99

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

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