

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081222\
 Data File : VY009986.D
 Acq On : 12 Aug 2022 14:57
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/14/2022
 Supervised By :Mahesh Dadoda 08/16/2022

Quant Time: Aug 13 02:21:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:18:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	105480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	174086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	158257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	77263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	53192	49.379	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.760%
35) Dibromofluoromethane	7.710	113	55929	52.364	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.720%
50) Toluene-d8	10.173	98	214627	52.134	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.260%
62) 4-Bromofluorobenzene	12.477	95	76966	52.486	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	43686	46.634	ug/l	98
3) Chloromethane	2.107	50	34428	48.547	ug/l	99
4) Vinyl Chloride	2.241	62	36051	47.737	ug/l	99
5) Bromomethane	2.637	94	25547	43.038	ug/l	96
6) Chloroethane	2.778	64	22281	45.082	ug/l	98
7) Trichlorofluoromethane	3.113	101	85769	47.498	ug/l	99
8) Diethyl Ether	3.515	74	33416	47.687	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.881	101	56582	48.075	ug/l	95
10) Methyl Iodide	4.076	142	73291	52.771	ug/l	98
11) Tert butyl alcohol	4.948	59	27095	233.264	ug/l	97
12) 1,1-Dichloroethene	3.857	96	55044	48.467	ug/l	90
13) Acrolein	3.716	56	33927	245.502	ug/l	98
14) Allyl chloride	4.460	41	75965	48.400	ug/l	92
15) Acrylonitrile	5.155	53	81584	246.244	ug/l	99
16) Acetone	3.936	43	67267	258.226	ug/l #	84
17) Carbon Disulfide	4.174	76	179291	48.127	ug/l	99
18) Methyl Acetate	4.466	43	36377	43.884	ug/l	91
19) Methyl tert-butyl Ether	5.210	73	143025	51.437	ug/l	99
20) Methylene Chloride	4.698	84	69061	41.317	ug/l #	89
21) trans-1,2-Dichloroethene	5.204	96	62009	49.160	ug/l	94
22) Diisopropyl ether	6.106	45	156633	48.843	ug/l	94
23) Vinyl Acetate	6.045	43	510874	256.729	ug/l	96
24) 1,1-Dichloroethane	6.003	63	99195	48.860	ug/l	99
25) 2-Butanone	6.978	43	98318	246.451	ug/l	92
26) 2,2-Dichloropropane	6.972	77	87013	48.111	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	67911	50.000	ug/l	93
28) Bromochloromethane	7.326	49	40681	50.048	ug/l	84
29) Tetrahydrofuran	7.338	42	62793	245.690	ug/l #	87
30) Chloroform	7.496	83	104420	48.952	ug/l	94
31) Cyclohexane	7.777	56	90328	47.089	ug/l	90
32) 1,1,1-Trichloroethane	7.691	97	89774	49.505	ug/l	98
36) 1,1-Dichloropropene	7.911	75	79835	49.919	ug/l	99
37) Ethyl Acetate	7.063	43	42610	49.950	ug/l #	94
38) Carbon Tetrachloride	7.893	117	81217	50.547	ug/l	98
39) Methylcyclohexane	9.179	83	99831	51.855	ug/l	97
40) Benzene	8.149	78	242961	49.982	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	22913m	22.651	ug/l	
42) 1,2-Dichloroethane	8.228	62	63895	50.883	ug/l	98
43) Isopropyl Acetate	8.264	43	75478	50.647	ug/l	93
44) Trichloroethene	8.929	130	66992	51.295	ug/l	100
45) 1,2-Dichloropropane	9.209	63	57632	49.942	ug/l	98
46) Dibromomethane	9.301	93	35778	51.260	ug/l	99
47) Bromodichloromethane	9.490	83	79862	51.426	ug/l	98
48) Methyl methacrylate	9.289	41	33647	51.626	ug/l	92
49) 1,4-Dioxane	9.289	88	9264	1138.015	ug/l #	95
51) 4-Methyl-2-Pentanone	10.063	43	210619	259.458	ug/l	93
52) Toluene	10.240	92	151728	52.049	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	83273	52.080	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	96363	52.254	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	50925	51.047	ug/l	99
56) Ethyl methacrylate	10.508	69	68199	55.070	ug/l	90
57) 1,3-Dichloropropane	10.782	76	83492	51.428	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	128864	240.816	ug/l	98
59) 2-Hexanone	10.825	43	150731	266.968	ug/l	90
60) Dibromochloromethane	10.977	129	60417	52.554	ug/l	98
61) 1,2-Dibromoethane	11.087	107	49412	51.707	ug/l	97
64) Tetrachloroethene	10.715	164	59778	52.848	ug/l	97
65) Chlorobenzene	11.514	112	162135	50.212	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	59032	50.894	ug/l	98
67) Ethyl Benzene	11.587	91	281655	51.754	ug/l	97
68) m/p-Xylenes	11.697	106	219672	106.183	ug/l	95
69) o-Xylene	12.026	106	102380	52.254	ug/l	95
70) Styrene	12.038	104	177081	52.995	ug/l	99
71) Bromoform	12.203	173	36904	53.237	ug/l #	100
73) Isopropylbenzene	12.325	105	269664	51.961	ug/l	99
74) N-amyl acetate	12.142	43	69648	51.324	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	59671	49.850	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	41186m	28.812	ug/l	
77) Bromobenzene	12.605	156	64292	50.076	ug/l	92
78) n-propylbenzene	12.666	91	337675	50.278	ug/l	99
79) 2-Chlorotoluene	12.751	91	193723	49.745	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	228969	51.896	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	21356	50.724	ug/l	91
82) 4-Chlorotoluene	12.849	91	201246	50.423	ug/l	97
83) tert-Butylbenzene	13.075	119	200045	52.552	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	226977	52.197	ug/l	98
85) sec-Butylbenzene	13.251	105	295263	51.044	ug/l	99
86) p-Isopropyltoluene	13.367	119	242168	52.359	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	126149	49.433	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	128018	49.234	ug/l	98
89) n-Butylbenzene	13.696	91	234143	52.593	ug/l	98
90) Hexachloroethane	13.958	117	49575	50.193	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	117134	51.040	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9746	52.407	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	68220	51.644	ug/l	98
94) Hexachlorobutadiene	15.111	225	35884	48.795	ug/l	99
95) Naphthalene	15.233	128	153008	54.992	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	61069	52.086	ug/l	98

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

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