

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081122\
 Data File : VY009980.D
 Acq On : 11 Aug 2022 21:39
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/12/2022
 Supervised By :Mahesh Dadoda 08/12/2022

Quant Time: Aug 12 02:51:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 17:37:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	62318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	103684	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	102955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	54856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	25534	53.025	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.060%			
35) Dibromofluoromethane	7.710	113	27258	45.692	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.380%			
50) Toluene-d8	10.173	98	87911	50.544	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.080%			
62) 4-Bromofluorobenzene	12.477	95	45011	53.668	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	20088	40.437	ug/l	99
3) Chloromethane	2.101	50	28630	51.855	ug/l	94
4) Vinyl Chloride	2.241	62	27004	46.527	ug/l	98
5) Bromomethane	2.637	94	23648	65.095	ug/l	100
6) Chloroethane	2.778	64	20973	51.621	ug/l	98
7) Trichlorofluoromethane	3.107	101	55455	46.685	ug/l	98
8) Diethyl Ether	3.521	74	20453	45.771	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.887	101	31872	43.991	ug/l	95
10) Methyl Iodide	4.076	142	36685	43.922	ug/l	99
11) Tert butyl alcohol	4.954	59	16737	274.980	ug/l #	94
12) 1,1-Dichloroethene	3.857	96	29687	42.011	ug/l	99
13) Acrolein	3.716	56	18814	199.960	ug/l	96
14) Allyl chloride	4.466	41	51233	43.130	ug/l	98
15) Acrylonitrile	5.149	53	57936	264.596	ug/l	99
16) Acetone	3.936	43	40851	260.568	ug/l	92
17) Carbon Disulfide	4.180	76	97753	42.389	ug/l	99
18) Methyl Acetate	4.460	43	27663	52.287	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	87052	48.477	ug/l	99
20) Methylene Chloride	4.698	84	41279	50.583	ug/l	96
21) trans-1,2-Dichloroethene	5.198	96	36769	46.471	ug/l	97
22) Diisopropyl ether	6.106	45	122453	50.776	ug/l	97
23) Vinyl Acetate	6.045	43	398520	266.499	ug/l	98
24) 1,1-Dichloroethane	6.003	63	62516	45.815	ug/l	98
25) 2-Butanone	6.978	43	75834	282.663	ug/l	98
26) 2,2-Dichloropropane	6.966	77	46862	43.497	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	42042	48.912	ug/l	97
28) Bromochloromethane	7.326	49	30501	52.384	ug/l	95
29) Tetrahydrofuran	7.338	42	52878	286.762	ug/l	98
30) Chloroform	7.496	83	65770	48.522	ug/l	98
31) Cyclohexane	7.777	56	59408	44.525	ug/l	99
32) 1,1,1-Trichloroethane	7.691	97	53037	46.659	ug/l	97
36) 1,1-Dichloropropene	7.911	75	50465	48.594	ug/l	99
37) Ethyl Acetate	7.063	43	34497	56.862	ug/l	98
38) Carbon Tetrachloride	7.893	117	49196	49.460	ug/l	99
39) Methylcyclohexane	9.179	83	61407	49.159	ug/l	98
40) Benzene	8.149	78	162255	51.717	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	18633m	58.772	ug/l	
42) 1,2-Dichloroethane	8.228	62	43005	52.308	ug/l	99
43) Isopropyl Acetate	8.264	43	60619	55.808	ug/l	99
44) Trichloroethene	8.935	130	38817	48.378	ug/l	97
45) 1,2-Dichloropropane	9.209	63	40765	52.184	ug/l	97
46) Dibromomethane	9.295	93	23353	52.659	ug/l	96
47) Bromodichloromethane	9.490	83	50828	50.825	ug/l	100
48) Methyl methacrylate	9.289	41	26262	54.634	ug/l	97
49) 1,4-Dioxane	9.295	88	5764	1265.792	ug/l	98
51) 4-Methyl-2-Pentanone	10.063	43	178335	304.122	ug/l	100
52) Toluene	10.240	92	102581	53.245	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	53141	51.652	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	60344	50.143	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	34287	53.366	ug/l	99
56) Ethyl methacrylate	10.502	69	46552	58.781	ug/l	97
57) 1,3-Dichloropropane	10.782	76	56639	52.987	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	116081	281.308	ug/l	98
59) 2-Hexanone	10.825	43	127285	314.983	ug/l	99
60) Dibromochloromethane	10.977	129	38907	53.994	ug/l	99
61) 1,2-Dibromoethane	11.081	107	31914	53.577	ug/l	98
64) Tetrachloroethene	10.715	164	38276	47.502	ug/l	98
65) Chlorobenzene	11.514	112	108734	48.554	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	39143	49.085	ug/l	97
67) Ethyl Benzene	11.587	91	192468	49.391	ug/l	96
68) m/p-Xylenes	11.697	106	151343	100.279	ug/l	97
69) o-Xylene	12.026	106	71099	50.750	ug/l	97
70) Styrene	12.038	104	123833	52.477	ug/l	99
71) Bromoform	12.203	173	24848	52.494	ug/l #	99
73) Isopropylbenzene	12.325	105	183750	46.778	ug/l	100
74) N-amyl acetate	12.142	43	56555	47.774	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	43249	49.267	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	29949m	51.140	ug/l	
77) Bromobenzene	12.605	156	44336	47.135	ug/l	89
78) n-propylbenzene	12.666	91	235706	46.805	ug/l	98
79) 2-Chlorotoluene	12.751	91	132901	46.668	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	157203	47.529	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	14542	48.336	ug/l	96
82) 4-Chlorotoluene	12.849	91	138182	46.555	ug/l	98
83) tert-Butylbenzene	13.075	119	133846	47.618	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	157868	48.950	ug/l	98
85) sec-Butylbenzene	13.251	105	205457	47.080	ug/l	98
86) p-Isopropyltoluene	13.367	119	166602	47.564	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	90029	47.591	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	88886	46.068	ug/l	99
89) n-Butylbenzene	13.690	91	152214	43.852	ug/l	96
90) Hexachloroethane	13.959	117	34806	47.550	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	75956	44.007	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7000	52.253	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	44306	46.978	ug/l	98
94) Hexachlorobutadiene	15.111	225	23434	43.997	ug/l	98
95) Naphthalene	15.233	128	101002	50.297	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	39297	46.346	ug/l	99

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

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