

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063022\
 Data File : VY009409.D
 Acq On : 30 Jun 2022 21:26
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.72g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/01/2022
 Supervised By : Mahesh Dadoda 07/01/2022

Quant Time: Jul 01 03:49:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	113576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	182840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	175147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	96974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	50526	55.542	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.080%			
35) Dibromofluoromethane	7.710	113	54351	54.010	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.020%			
50) Toluene-d8	10.173	98	165588	53.669	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.340%			
62) 4-Bromofluorobenzene	12.477	95	87358	59.700	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 119.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	40282	43.081	ug/l	96
3) Chloromethane	2.107	50	42916	42.182	ug/l	98
4) Vinyl Chloride	2.241	62	56839	48.295	ug/l	98
5) Bromomethane	2.631	94	37459	49.600	ug/l	95
6) Chloroethane	2.784	64	32477	51.754	ug/l	96
7) Trichlorofluoromethane	3.113	101	80353	51.460	ug/l	93
8) Diethyl Ether	3.515	74	29723	48.719	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.887	101	50913	45.487	ug/l	98
10) Methyl Iodide	4.076	142	61887	50.372	ug/l	92
11) Tert butyl alcohol	4.942	59	37587	258.813	ug/l	97
12) 1,1-Dichloroethene	3.857	96	45842	44.900	ug/l	82
13) Acrolein	3.716	56	18499	243.649	ug/l	99
14) Allyl chloride	4.466	41	84384	45.106	ug/l	97
15) Acrylonitrile	5.149	53	97676	282.615	ug/l	97
16) Acetone	3.936	43	71796	240.312	ug/l	96
17) Carbon Disulfide	4.186	76	116375	40.977	ug/l	100
18) Methyl Acetate	4.466	43	48592	64.191	ug/l	96
19) Methyl tert-butyl Ether	5.210	73	164368	53.681	ug/l	98
20) Methylene Chloride	4.704	84	60361	43.330	ug/l	94
21) trans-1,2-Dichloroethene	5.204	96	57436	46.989	ug/l	89
22) Diisopropyl ether	6.112	45	217202	55.015	ug/l	93
23) Vinyl Acetate	6.051	43	722160	291.995	ug/l	95
24) 1,1-Dichloroethane	6.009	63	108138	48.717	ug/l	98
25) 2-Butanone	6.978	43	135614	286.316	ug/l	91
26) 2,2-Dichloropropane	6.972	77	92888	44.214	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	71391	50.273	ug/l	90
28) Bromochloromethane	7.326	49	54773	57.467	ug/l	93
29) Tetrahydrofuran	7.344	42	94427	310.955	ug/l	96
30) Chloroform	7.496	83	115985	50.840	ug/l	99
31) Cyclohexane	7.777	56	91522	44.729	ug/l	94
32) 1,1,1-Trichloroethane	7.691	97	102677	50.258	ug/l	98
36) 1,1-Dichloropropene	7.911	75	84050	47.769	ug/l	97
37) Ethyl Acetate	7.063	43	60939	58.401	ug/l	99
38) Carbon Tetrachloride	7.892	117	92736	50.424	ug/l	98
39) Methylcyclohexane	9.179	83	98092	47.104	ug/l	92
40) Benzene	8.155	78	257968	50.134	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	27144m	46.046	ug/l	
42) 1,2-Dichloroethane	8.228	62	80941	54.837	ug/l	93
43) Isopropyl Acetate	8.270	43	114357	59.693	ug/l	96
44) Trichloroethene	8.935	130	70896	49.588	ug/l	98
45) 1,2-Dichloropropane	9.209	63	67476	51.770	ug/l	94
46) Dibromomethane	9.301	93	41335	55.358	ug/l	96
47) Bromodichloromethane	9.490	83	95301	53.895	ug/l	96
48) Methyl methacrylate	9.289	41	49407	59.824	ug/l	90
49) 1,4-Dioxane	9.289	88	12726	1222.659	ug/l	91
51) 4-Methyl-2-Pentanone	10.063	43	323662	327.674	ug/l	95
52) Toluene	10.240	92	170878	52.636	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	97815	55.299	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	109964	52.067	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	57068	57.445	ug/l	98
56) Ethyl methacrylate	10.508	69	80671	63.619	ug/l	88
57) 1,3-Dichloropropane	10.782	76	96589	54.884	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	224959	320.419	ug/l	97
59) 2-Hexanone	10.825	43	226603	332.102	ug/l	94
60) Dibromochloromethane	10.977	129	69861	55.568	ug/l	100
61) 1,2-Dibromoethane	11.087	107	56622	56.772	ug/l	98
64) Tetrachloroethene	10.715	164	79182	48.560	ug/l	98
65) Chlorobenzene	11.514	112	188091	50.189	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	72289	52.586	ug/l	97
67) Ethyl Benzene	11.587	91	336256	51.721	ug/l	98
68) m/p-Xylenes	11.697	106	266750	102.611	ug/l	93
69) o-Xylene	12.026	106	128643	52.437	ug/l	89
70) Styrene	12.038	104	223909	55.086	ug/l	96
71) Bromoform	12.203	173	50050	57.944	ug/l #	97
73) Isopropylbenzene	12.325	105	344140	48.046	ug/l	99
74) N-amyl acetate	12.142	43	104501	55.620	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	72892	52.535	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	51993m	45.783	ug/l	
77) Bromobenzene	12.605	156	82781	48.482	ug/l	98
78) n-propylbenzene	12.666	91	419425	48.138	ug/l	98
79) 2-Chlorotoluene	12.751	91	234797	47.742	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	289906	48.399	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	26138	51.245	ug/l	88
82) 4-Chlorotoluene	12.849	91	241133	47.180	ug/l	96
83) tert-Butylbenzene	13.068	119	256377	50.944	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	289799	50.913	ug/l	96
85) sec-Butylbenzene	13.251	105	383317	50.571	ug/l	99
86) p-Isopropyltoluene	13.367	119	316694	49.686	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	164968	48.904	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	165768	47.756	ug/l	98
89) n-Butylbenzene	13.690	91	292308	48.808	ug/l	98
90) Hexachloroethane	13.958	117	62264	49.270	ug/l	87
91) 1,2-Dichlorobenzene	13.733	146	151783	49.610	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12488	53.703	ug/l	81
93) 1,2,4-Trichlorobenzene	15.001	180	84796	46.690	ug/l	99
94) Hexachlorobutadiene	15.111	225	47163	46.260	ug/l	99
95) Naphthalene	15.233	128	194541	53.501	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	74964	47.511	ug/l	97

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

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