

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112621\
 Data File : VY006892.D
 Acq On : 26 Nov 2021 10:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 29 03:01:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/29/2021
 Supervised By :Mahesh Dadoda 11/29/2021

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	100847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	155816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.514	117	150576	50.000	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.459	152	73698	50.000	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	72458	54.821	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.640%			
35) Dibromofluoromethane	7.734	113	51509	53.819	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.640%			
50) Toluene-d8	10.197	98	216488	54.661	ug/l	0.01
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.320%			
62) 4-Bromofluorobenzene	12.514	95	74390	55.715	ug/l	0.02
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.440%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	50884	52.540	ug/l	96
3) Chloromethane	2.119	50	75990	52.156	ug/l	99
4) Vinyl Chloride	2.260	62	73332	49.575	ug/l	98
5) Bromomethane	2.662	94	44696	56.707	ug/l	98
6) Chloroethane	2.808	64	43016	47.534	ug/l	94
7) Trichlorofluoromethane	3.144	101	104909	56.591	ug/l	99
8) Diethyl Ether	3.540	74	32794	53.117	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.918	101	53271	54.107	ug/l	99
10) Methyl Iodide	4.107	142	64924	52.754	ug/l	100
11) Tert butyl alcohol	4.954	59	34640	174.271	ug/l	96
12) 1,1-Dichloroethene	3.887	96	52587	53.855	ug/l	92
13) Acrolein	3.741	56	11518	414.225	ug/l	99
14) Allyl chloride	4.497	41	116853	53.129	ug/l	100
15) Acrylonitrile	5.174	53	93599	262.840	ug/l	99
16) Acetone	3.954	43	104713	260.755	ug/l	97
17) Carbon Disulfide	4.210	76	172048	49.916	ug/l	100
18) Methyl Acetate	4.491	43	64811	49.857	ug/l	100
19) Methyl tert-butyl Ether	5.235	73	169454	55.055	ug/l	98
20) Methylene Chloride	4.729	84	63010	52.783	ug/l	97
21) trans-1,2-Dichloroethene	5.235	96	58913	52.812	ug/l	95
22) Diisopropyl ether	6.131	45	230947	53.218	ug/l	99
23) Vinyl Acetate	6.076	43	704542	268.858	ug/l	99
24) 1,1-Dichloroethane	6.033	63	117696	53.135	ug/l	99
25) 2-Butanone	6.997	43	134587	231.389	ug/l	99
26) 2,2-Dichloropropane	6.997	77	114670	57.291	ug/l	98
27) cis-1,2-Dichloroethene	7.003	96	68729	54.553	ug/l	96
28) Bromochloromethane	7.350	49	48098	46.163	ug/l	93
29) Tetrahydrofuran	7.356	42	82086	246.315	ug/l	97
30) Chloroform	7.521	83	119884	56.299	ug/l	99
31) Cyclohexane	7.795	56	114815	49.424	ug/l	100
32) 1,1,1-Trichloroethane	7.716	97	111508	56.822	ug/l	99
36) 1,1-Dichloropropene	7.935	75	91562	54.062	ug/l	100
37) Ethyl Acetate	7.088	43	57922	51.152	ug/l	99
38) Carbon Tetrachloride	7.917	117	101474	58.577	ug/l	97
39) Methylcyclohexane	9.197	83	110574	53.532	ug/l	95
40) Benzene	8.179	78	263017	55.165	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	30214m	31.778	ug/l	
42) 1,2-Dichloroethane	8.252	62	91059	57.326	ug/l	99
43) Isopropyl Acetate	8.283	43	110165	51.864	ug/l	100
44) Trichloroethene	8.954	130	64102	55.266	ug/l	99
45) 1,2-Dichloropropane	9.234	63	65688	53.399	ug/l	97
46) Dibromomethane	9.319	93	34712	54.178	ug/l	99
47) Bromodichloromethane	9.514	83	86763	53.325	ug/l	98
48) Methyl methacrylate	9.307	41	51649	51.321	ug/l	97
49) 1,4-Dioxane	9.313	88	7977	1085.056	ug/l	94
51) 4-Methyl-2-Pentanone	10.087	43	227775	203.576	ug/l	96
52) Toluene	10.264	92	162794	56.228	ug/l	100
53) t-1,3-Dichloropropene	10.484	75	96911	54.795	ug/l	98
54) cis-1,3-Dichloropropene	9.947	75	104464	52.666	ug/l	97
55) 1,1,2-Trichloroethane	10.667	97	47726	55.798	ug/l	96
56) Ethyl methacrylate	10.533	69	64983	48.877	ug/l	92
57) 1,3-Dichloropropane	10.813	76	76555	49.049	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.801	63	170278	233.928	ug/l	97
59) 2-Hexanone	10.856	43	155284m	194.934	ug/l	
60) Dibromochloromethane	11.008	129	59565	56.812	ug/l	99
61) 1,2-Dibromoethane	11.112	107	43817	55.293	ug/l	100
64) Tetrachloroethene	10.740	164	62519	56.819	ug/l	98
65) Chlorobenzene	11.538	112	169602	55.363	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.612	131	65176	56.891	ug/l	100
67) Ethyl Benzene	11.618	91	322749	55.582	ug/l	100
68) m/p-Xylenes	11.727	106	248457	112.272	ug/l	97
69) o-Xylene	12.057	106	114711	54.717	ug/l	95
70) Styrene	12.069	104	195400	55.188	ug/l	98
71) Bromoform	12.233	173	41638	60.047	ug/l #	98
73) Isopropylbenzene	12.355	105	310266	55.283	ug/l	99
74) N-amyl acetate	12.172	43	74152	37.320	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.611	83	50589	48.718	ug/l	97
76) 1,2,3-Trichloropropane	12.666	75	42046m	52.475	ug/l	
77) Bromobenzene	12.636	156	75747	59.262	ug/l	88
78) n-propylbenzene	12.703	91	374683	54.763	ug/l	97
79) 2-Chlorotoluene	12.788	91	207949	55.542	ug/l	97
80) 1,3,5-Trimethylbenzene	12.843	105	258674	56.236	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.410	75	19714	48.752	ug/l #	76
82) 4-Chlorotoluene	12.886	91	210726	53.842	ug/l	96
83) tert-Butylbenzene	13.105	119	233676	58.490	ug/l	96
84) 1,2,4-Trimethylbenzene	13.154	105	256356	55.821	ug/l	100
85) sec-Butylbenzene	13.288	105	333883	56.119	ug/l	99
86) p-Isopropyltoluene	13.404	119	285537	56.694	ug/l	99
87) 1,3-Dichlorobenzene	13.404	146	145951	57.338	ug/l	98
88) 1,4-Dichlorobenzene	13.483	146	139638	55.590	ug/l	99
89) n-Butylbenzene	13.733	91	254087	53.465	ug/l	100
90) Hexachloroethane	14.001	117	47984	52.866	ug/l	98
91) 1,2-Dichlorobenzene	13.782	146	116995	53.331	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.416	75	9016	49.119	ug/l	99
93) 1,2,4-Trichlorobenzene	15.105	180	67020	46.698	ug/l	98
94) Hexachlorobutadiene	15.215	225	45149	48.214	ug/l	98
95) Naphthalene	15.343	128	122245	46.046	ug/l	100
96) 1,2,3-Trichlorobenzene	15.538	180	55606	46.497	ug/l	99

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

