

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112621\
 Data File : VY006901.D
 Acq On : 26 Nov 2021 15:46
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Nov 29 03:04:22 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

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	96958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	153089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	142987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	70357	55.366	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.740%			
35) Dibromofluoromethane	7.728	113	50260	53.449	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.900%			
50) Toluene-d8	10.185	98	210139	54.003	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.000%			
62) 4-Bromofluorobenzene	12.483	95	73556	56.072	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	46260	49.682	ug/l	99
3) Chloromethane	2.119	50	68322	48.774	ug/l	95
4) Vinyl Chloride	2.259	62	68376	48.079	ug/l	100
5) Bromomethane	2.662	94	39717	52.411	ug/l	95
6) Chloroethane	2.808	64	40371	46.401	ug/l	91
7) Trichlorofluoromethane	3.137	101	98043	55.009	ug/l	97
8) Diethyl Ether	3.540	74	30272	50.998	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.912	101	49945	52.764	ug/l	98
10) Methyl Iodide	4.101	142	60007	50.715	ug/l	99
11) Tert butyl alcohol	4.954	59	26340	137.829	ug/l	96
12) 1,1-Dichloroethene	3.887	96	49939	53.194	ug/l	92
13) Acrolein	3.735	56	9152	342.338	ug/l	99
14) Allyl chloride	4.491	41	83925	39.688	ug/l	92
15) Acrylonitrile	5.174	53	72821	212.694	ug/l	98
16) Acetone	3.954	43	86916	225.119	ug/l	98
17) Carbon Disulfide	4.210	76	141347	42.654	ug/l	99
18) Methyl Acetate	4.491	43	48935	39.154	ug/l	97
19) Methyl tert-butyl Ether	5.235	73	139313	47.078	ug/l	99
20) Methylene Chloride	4.729	84	54378	47.002	ug/l	98
21) trans-1,2-Dichloroethene	5.241	96	51015	47.567	ug/l	94
22) Diisopropyl ether	6.131	45	195410	46.835	ug/l	98
23) Vinyl Acetate	6.070	43	578676	229.684	ug/l	99
24) 1,1-Dichloroethane	6.027	63	100839	47.351	ug/l	99
25) 2-Butanone	6.990	43	112335	202.395	ug/l	99
26) 2,2-Dichloropropane	6.990	77	98526	51.199	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	59275	48.936	ug/l	97
28) Bromochloromethane	7.344	49	45914	45.834	ug/l	95
29) Tetrahydrofuran	7.356	42	66847	208.633	ug/l	97
30) Chloroform	7.515	83	102277	49.957	ug/l	99
31) Cyclohexane	7.795	56	96273	43.104	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	95907	50.832	ug/l	99
36) 1,1-Dichloropropene	7.929	75	78708	47.300	ug/l	99
37) Ethyl Acetate	7.082	43	46488	41.785	ug/l	99
38) Carbon Tetrachloride	7.911	117	85438	50.198	ug/l	97
39) Methylcyclohexane	9.191	83	90802	44.743	ug/l	98
40) Benzene	8.167	78	224172	47.855	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	28537m	30.549	ug/l	
42) 1,2-Dichloroethane	8.246	62	77431	49.615	ug/l	99
43) Isopropyl Acetate	8.283	43	91084	43.645	ug/l	99
44) Trichloroethene	8.947	130	54242	47.598	ug/l	98
45) 1,2-Dichloropropane	9.222	63	56337	46.614	ug/l	96
46) Dibromomethane	9.313	93	29363	46.646	ug/l	96
47) Bromodichloromethane	9.502	83	78388	49.036	ug/l	98
48) Methyl methacrylate	9.301	41	42102	42.580	ug/l	98
49) 1,4-Dioxane	9.301	88	6833	946.002	ug/l	93
51) 4-Methyl-2-Pentanone	10.075	43	241314	219.519	ug/l	98
52) Toluene	10.252	92	137754	48.427	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	83987	48.334	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	92424	47.426	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	40468	48.155	ug/l	97
56) Ethyl methacrylate	10.514	69	61159	46.821	ug/l	98
57) 1,3-Dichloropropane	10.795	76	74238	48.412	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	163893	229.167	ug/l	99
59) 2-Hexanone	10.837	43	175363	220.502	ug/l	98
60) Dibromochloromethane	10.990	129	49298	47.857	ug/l	99
61) 1,2-Dibromoethane	11.093	107	36659	47.084	ug/l	100
64) Tetrachloroethene	10.727	164	48951	46.849	ug/l	98
65) Chlorobenzene	11.520	112	141519	48.648	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	53681	49.344	ug/l	99
67) Ethyl Benzene	11.599	91	274302	49.746	ug/l	100
68) m/p-Xylenes	11.709	106	205039	97.570	ug/l	100
69) o-Xylene	12.032	106	96283	48.365	ug/l	99
70) Styrene	12.050	104	167130	49.709	ug/l	99
71) Bromoform	12.215	173	31080	47.200	ug/l	99
73) Isopropylbenzene	12.331	105	259584	47.962	ug/l	99
74) N-amyl acetate	12.148	43	81634	42.157	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	44937	44.874	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	35032m	45.337	ug/l	
77) Bromobenzene	12.611	156	58786	47.692	ug/l	99
78) n-propylbenzene	12.672	91	322737	48.914	ug/l	99
79) 2-Chlorotoluene	12.758	91	177398	49.132	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	218486	49.254	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	18437	47.278	ug/l	94
82) 4-Chlorotoluene	12.861	91	184563	48.899	ug/l	99
83) tert-Butylbenzene	13.081	119	189428	49.167	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	215953	48.760	ug/l	98
85) sec-Butylbenzene	13.258	105	279846	48.775	ug/l	100
86) p-Isopropyltoluene	13.373	119	234301	48.240	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	116970	47.650	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	115925	47.855	ug/l	99
89) n-Butylbenzene	13.703	91	223770	48.826	ug/l	99
90) Hexachloroethane	13.965	117	41937	47.911	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	100684	47.592	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8008	45.239	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	60304	43.571	ug/l	98
94) Hexachlorobutadiene	15.117	225	40468	44.812	ug/l	99
95) Naphthalene	15.239	128	111164	43.419	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	51300	44.481	ug/l	99

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

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