

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111521\
 Data File : VY006735.D
 Acq On : 15 Nov 2021 16:34
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY111521

Quant Time: Nov 16 04:21:32 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 :Vimala Arumugam 11/16/2021
 Supervised By :Mahesh Dadoda 11/17/2021

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	139283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	221761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	204941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88549	48.508	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.020%		
35) Dibromofluoromethane	7.728	113	66336	48.700	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.400%		
50) Toluene-d8	10.185	98	274628	48.721	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.440%		
62) 4-Bromofluorobenzene	12.483	95	91790	48.304	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.600%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.912	85	71103	53.157	ug/l	97
3) Chloromethane	2.119	50	109446	54.390	ug/l	98
4) Vinyl Chloride	2.260	62	105861	51.817	ug/l	99
5) Bromomethane	2.656	94	58018	53.296	ug/l	97
6) Chloroethane	2.802	64	63161	50.535	ug/l	96
7) Trichlorofluoromethane	3.137	101	132087	51.590	ug/l	98
8) Diethyl Ether	3.540	74	44175	51.806	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.912	101	69685	51.247	ug/l	98
10) Methyl Iodide	4.101	142	95741	56.327	ug/l	98
11) Tert butyl alcohol	4.966	59	44882	163.487	ug/l	97
12) 1,1-Dichloroethene	3.887	96	69871	51.809	ug/l	97
13) Acrolein	3.741	56	9390	244.506	ug/l	100
14) Allyl chloride	4.491	41	154712	50.930	ug/l	99
15) Acrylonitrile	5.174	53	125260	254.681	ug/l	99
16) Acetone	3.954	43	134706	242.876	ug/l	99
17) Carbon Disulfide	4.210	76	243798	51.214	ug/l	99
18) Methyl Acetate	4.491	43	90191	50.235	ug/l	98
19) Methyl tert-butyl Ether	5.235	73	217953	51.271	ug/l	99
20) Methylene Chloride	4.729	84	82681	49.965	ug/l	92
21) trans-1,2-Dichloroethene	5.235	96	78882	51.200	ug/l	95
22) Diisopropyl ether	6.131	45	319589	53.322	ug/l	96
23) Vinyl Acetate	6.070	43	950634	262.660	ug/l	98
24) 1,1-Dichloroethane	6.033	63	158742	51.889	ug/l	99
25) 2-Butanone	6.996	43	185326	230.730	ug/l	97
26) 2,2-Dichloropropane	6.990	77	140506	50.827	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	89871	51.649	ug/l	95
28) Bromochloromethane	7.344	49	72097	50.101	ug/l	88
29) Tetrahydrofuran	7.356	42	117088	254.390	ug/l	93
30) Chloroform	7.515	83	150577	51.200	ug/l	99
31) Cyclohexane	7.795	56	161082	50.205	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	135009	49.812	ug/l	98
36) 1,1-Dichloropropene	7.923	75	120116	49.832	ug/l	98
37) Ethyl Acetate	7.082	43	78855	48.930	ug/l	99
38) Carbon Tetrachloride	7.911	117	121724	49.371	ug/l	99
39) Methylcyclohexane	9.191	83	149402	50.821	ug/l	97
40) Benzene	8.167	78	338204	49.841	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	64323m	47.535	ug/l	
42) 1,2-Dichloroethane	8.246	62	112971	49.972	ug/l	99
43) Isopropyl Acetate	8.277	43	150991	49.946	ug/l	99
44) Trichloroethene	8.947	130	82864	50.197	ug/l	99
45) 1,2-Dichloropropane	9.222	63	86107	49.183	ug/l	97
46) Dibromomethane	9.313	93	45205	49.574	ug/l	96
47) Bromodichloromethane	9.502	83	117092	50.565	ug/l	97
48) Methyl methacrylate	9.295	41	72659	50.728	ug/l	93
49) 1,4-Dioxane	9.307	88	10224	977.147	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	402465	252.741	ug/l	98
52) Toluene	10.252	92	204236	49.565	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	128215	50.937	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	142488	50.474	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	61783	50.753	ug/l	93
56) Ethyl methacrylate	10.514	69	98518	52.066	ug/l	97
57) 1,3-Dichloropropane	10.795	76	115661	52.068	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	269837	260.466	ug/l	95
59) 2-Hexanone	10.837	43	282739	242.734	ug/l	99
60) Dibromochloromethane	10.990	129	74269	49.772	ug/l	98
61) 1,2-Dibromoethane	11.093	107	57255	50.765	ug/l	99
64) Tetrachloroethene	10.728	164	73339	48.971	ug/l	99
65) Chlorobenzene	11.520	112	208513	50.009	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	79262	50.833	ug/l	98
67) Ethyl Benzene	11.599	91	395885	50.092	ug/l	98
68) m/p-Xylenes	11.709	106	302997	100.597	ug/l	97
69) o-Xylene	12.032	106	142276	49.863	ug/l	97
70) Styrene	12.050	104	243531	50.536	ug/l	98
71) Bromoform	12.209	173	49626	52.582	ug/l #	98
73) Isopropylbenzene	12.337	105	387733	51.894	ug/l	100
74) N-amyl acetate	12.148	43	110892	41.533	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	69800	50.491	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	52345m	49.071	ug/l	
77) Bromobenzene	12.611	156	89473	52.581	ug/l	99
78) n-propylbenzene	12.672	91	487089	53.476	ug/l	99
79) 2-Chlorotoluene	12.758	91	267787	53.725	ug/l	97
80) 1,3,5-Trimethylbenzene	12.819	105	325344	53.129	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	26153	48.580	ug/l	94
82) 4-Chlorotoluene	12.861	91	274611	52.704	ug/l	98
83) tert-Butylbenzene	13.081	119	279791	52.605	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	324180	53.023	ug/l	98
85) sec-Butylbenzene	13.258	105	422162	53.300	ug/l	99
86) p-Isopropyltoluene	13.373	119	350897	52.333	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	172088	50.782	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	168630	50.426	ug/l	100
89) n-Butylbenzene	13.703	91	341912	54.042	ug/l	99
90) Hexachloroethane	13.965	117	62099	51.391	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	147585	50.534	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	12956	53.019	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	96232	50.367	ug/l	99
94) Hexachlorobutadiene	15.117	225	61248	49.129	ug/l	100
95) Naphthalene	15.239	128	183406	51.891	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	81996	51.501	ug/l	99

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

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