

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111521\
 Data File : VY006733.D
 Acq On : 15 Nov 2021 13:45
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 16 04:04:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 03:59:14 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	135964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	211062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	195185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	98064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	170786	95.841	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 191.680%#			
35) Dibromofluoromethane	7.734	113	125319	96.665	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 193.340%#			
50) Toluene-d8	10.185	98	525627	97.977	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 195.960%#			
62) 4-Bromofluorobenzene	12.489	95	179175	99.069	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 198.140%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	129073	98.852	ug/l	98
3) Chloromethane	2.119	50	193179	98.345	ug/l	100
4) Vinyl Chloride	2.260	62	197730	99.147	ug/l	96
5) Bromomethane	2.650	94	108301	101.916	ug/l	98
6) Chloroethane	2.802	64	111779	91.617	ug/l	95
7) Trichlorofluoromethane	3.137	101	247222	98.916	ug/l	98
8) Diethyl Ether	3.540	74	83693	100.546	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.918	101	131355	98.958	ug/l	99
10) Methyl Iodide	4.107	142	172417	103.913	ug/l	99
11) Tert butyl alcohol	4.972	59	81294	303.350	ug/l	97
12) 1,1-Dichloroethene	3.887	96	132128	100.365	ug/l	99
13) Acrolein	3.747	56	17718	472.621	ug/l	99
14) Allyl chloride	4.497	41	302098	101.877	ug/l	97
15) Acrylonitrile	5.180	53	242858	505.837	ug/l	99
16) Acetone	3.960	43	270912	500.380	ug/l	96
17) Carbon Disulfide	4.210	76	464713	100.003	ug/l	100
18) Methyl Acetate	4.491	43	174105	99.340	ug/l	97
19) Methyl tert-butyl Ether	5.241	73	426767	102.843	ug/l	97
20) Methylene Chloride	4.729	84	155912	81.487	ug/l	95
21) trans-1,2-Dichloroethene	5.241	96	151189	100.527	ug/l	99
22) Diisopropyl ether	6.137	45	594012	101.527	ug/l	95
23) Vinyl Acetate	6.076	43	1817650	514.476	ug/l	98
24) 1,1-Dichloroethane	6.033	63	295603	98.985	ug/l	98
25) 2-Butanone	6.996	43	372600	513.902	ug/l	98
26) 2,2-Dichloropropane	6.996	77	268553	99.519	ug/l	100
27) cis-1,2-Dichloroethene	7.003	96	171656	101.059	ug/l	96
28) Bromochloromethane	7.350	49	136264	97.003	ug/l	90
29) Tetrahydrofuran	7.356	42	227533	506.414	ug/l	94
30) Chloroform	7.521	83	284473	99.089	ug/l	98
31) Cyclohexane	7.795	56	301914	96.396	ug/l	94
32) 1,1,1-Trichloroethane	7.716	97	262925	99.375	ug/l	99
36) 1,1-Dichloropropene	7.929	75	230394	100.427	ug/l	98
37) Ethyl Acetate	7.088	43	153167	99.858	ug/l	99
38) Carbon Tetrachloride	7.911	117	235298	100.275	ug/l	98
39) Methylcyclohexane	9.191	83	288772	103.210	ug/l	96
40) Benzene	8.173	78	648721	100.448	ug/l	100

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41) Methacrylonitrile	7.356	41	137062m	106.419	ug/l	
42) 1,2-Dichloroethane	8.246	62	216962	100.836	ug/l	99
43) Isopropyl Acetate	8.283	43	295775	102.798	ug/l	99
44) Trichloroethene	8.947	130	158037	100.588	ug/l	97
45) 1,2-Dichloropropane	9.228	63	168106	100.887	ug/l	99
46) Dibromomethane	9.313	93	87437	100.749	ug/l	97
47) Bromodichloromethane	9.508	83	224141	101.699	ug/l	100
48) Methyl methacrylate	9.301	41	144191	105.773	ug/l	92
49) 1,4-Dioxane	9.301	88	20237	2032.172	ug/l	100
51) 4-Methyl-2-Pentanone	10.081	43	781211	515.455	ug/l	99
52) Toluene	10.252	92	397182	101.277	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	247554	103.334	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	270006	100.493	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	117519	101.432	ug/l	94
56) Ethyl methacrylate	10.514	69	193197	107.278	ug/l	97
57) 1,3-Dichloropropane	10.795	76	220545	104.318	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	502833	509.975	ug/l	96
59) 2-Hexanone	10.837	43	560397	567.417	ug/l	100
60) Dibromochloromethane	10.990	129	143161	100.803	ug/l	99
61) 1,2-Dibromoethane	11.093	107	110949	103.360	ug/l	99
64) Tetrachloroethene	10.727	164	142445	99.870	ug/l	99
65) Chlorobenzene	11.520	112	397724	100.157	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	151184	101.805	ug/l	99
67) Ethyl Benzene	11.599	91	795348	105.666	ug/l	99
68) m/p-Xylenes	11.709	106	593602	206.930	ug/l	100
69) o-Xylene	12.032	106	280857	103.351	ug/l	100
70) Styrene	12.050	104	478827	104.331	ug/l	100
71) Bromoform	12.215	173	91727	102.049	ug/l	98
73) Isopropylbenzene	12.337	105	748083	100.174	ug/l	99
74) N-amyl acetate	12.148	43	269166	112.616	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	141685	102.543	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	113193m	106.662	ug/l	
77) Bromobenzene	12.617	156	167843	98.688	ug/l	94
78) n-propylbenzene	12.678	91	925834	101.696	ug/l	99
79) 2-Chlorotoluene	12.764	91	508914	102.153	ug/l	97
80) 1,3,5-Trimethylbenzene	12.819	105	619353	101.192	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	55837	103.772	ug/l	97
82) 4-Chlorotoluene	12.861	91	528240	101.433	ug/l	98
83) tert-Butylbenzene	13.081	119	535645	100.761	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	613759	100.437	ug/l	99
85) sec-Butylbenzene	13.258	105	788927	99.656	ug/l	99
86) p-Isopropyltoluene	13.373	119	678749	101.281	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	345582	102.031	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	333400	99.748	ug/l	99
89) n-Butylbenzene	13.703	91	615395	97.317	ug/l	99
90) Hexachloroethane	13.965	117	116698	96.624	ug/l	92
91) 1,2-Dichlorobenzene	13.745	146	296839	101.691	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	23209	95.024	ug/l	90
93) 1,2,4-Trichlorobenzene	15.013	180	200614	105.052	ug/l	98
94) Hexachlorobutadiene	15.117	225	132223	106.115	ug/l	99
95) Naphthalene	15.239	128	381487	107.990	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	162035	101.825	ug/l	98

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

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