

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111721\
 Data File : VY006780.D
 Acq On : 17 Nov 2021 11:59
 Operator : SY/MD
 Sample : VY1117SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1117SBS01

Quant Time: Nov 18 03:00:34 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 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	117438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	183504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	176817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	71649	46.551	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.100%		
35) Dibromofluoromethane	7.728	113	55008	48.803	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.600%		
50) Toluene-d8	10.185	98	232192	49.781	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.560%		
62) 4-Bromofluorobenzene	12.483	95	75152	47.793	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	21848	19.372	ug/l	98
3) Chloromethane	2.119	50	34262	20.194	ug/l	99
4) Vinyl Chloride	2.259	62	34931	20.278	ug/l	99
5) Bromomethane	2.656	94	21997	23.966	ug/l	96
6) Chloroethane	2.802	64	22633	21.477	ug/l	99
7) Trichlorofluoromethane	3.137	101	47384	21.949	ug/l	99
8) Diethyl Ether	3.540	74	13681	19.029	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.912	101	23952	20.891	ug/l	99
10) Methyl Iodide	4.101	142	28179	19.662	ug/l	100
11) Tert butyl alcohol	4.966	59	13227	57.143	ug/l #	94
12) 1,1-Dichloroethene	3.887	96	23480	20.649	ug/l	95
13) Acrolein	3.747	56	3251	100.399	ug/l	98
14) Allyl chloride	4.491	41	51422	20.077	ug/l	99
15) Acrylonitrile	5.174	53	34264	82.625	ug/l	98
16) Acetone	3.960	43	29736	63.587	ug/l	100
17) Carbon Disulfide	4.210	76	81636	20.339	ug/l	99
18) Methyl Acetate	4.491	43	24170	15.966	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	64639	18.034	ug/l	96
20) Methylene Chloride	4.729	84	30166	19.532	ug/l	94
21) trans-1,2-Dichloroethene	5.235	96	27286	21.005	ug/l	98
22) Diisopropyl ether	6.131	45	100562	19.899	ug/l	97
23) Vinyl Acetate	6.070	43	271823	89.075	ug/l	96
24) 1,1-Dichloroethane	6.027	63	53389	20.698	ug/l	99
25) 2-Butanone	6.996	43	43383	72.366	ug/l	98
26) 2,2-Dichloropropane	6.996	77	49269	21.138	ug/l	99
27) cis-1,2-Dichloroethene	7.003	96	30076	20.500	ug/l	95
28) Bromochloromethane	7.344	49	21724	17.904	ug/l	92
29) Tetrahydrofuran	7.356	42	28870	74.391	ug/l	95
30) Chloroform	7.515	83	52065	20.996	ug/l	97
31) Cyclohexane	7.795	56	54003	19.962	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	48448	21.200	ug/l	98
36) 1,1-Dichloropropene	7.929	75	41845	20.979	ug/l	97
37) Ethyl Acetate	7.082	43	20946	15.707	ug/l	99
38) Carbon Tetrachloride	7.911	117	43448	21.296	ug/l	97
39) Methylcyclohexane	9.191	83	49424	20.317	ug/l	97
40) Benzene	8.167	78	116452	20.739	ug/l	100

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41) Methacrylonitrile	7.356	41	17068m	15.243	ug/l	
42) 1,2-Dichloroethane	8.246	62	37757	20.183	ug/l	100
43) Isopropyl Acetate	8.283	43	40110	16.034	ug/l	96
44) Trichloroethene	8.947	130	28591	20.931	ug/l	97
45) 1,2-Dichloropropane	9.222	63	28843	19.909	ug/l	97
46) Dibromomethane	9.313	93	13586	18.005	ug/l	97
47) Bromodichloromethane	9.502	83	38280	19.977	ug/l	97
48) Methyl methacrylate	9.301	41	19413	16.379	ug/l	95
49) 1,4-Dioxane	9.307	88	2704	312.310	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	100387	76.184	ug/l	98
52) Toluene	10.252	92	70515	20.681	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	40140	19.271	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	45573	19.509	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	19368	19.227	ug/l	98
56) Ethyl methacrylate	10.514	69	26658	17.026	ug/l	97
57) 1,3-Dichloropropane	10.794	76	35535	19.332	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	69467	81.034	ug/l	97
59) 2-Hexanone	10.837	43	67094	86.596	ug/l	99
60) Dibromochloromethane	10.990	129	24391	19.753	ug/l	100
61) 1,2-Dibromoethane	11.093	107	17510	18.762	ug/l	99
64) Tetrachloroethene	10.727	164	24770	19.171	ug/l	96
65) Chlorobenzene	11.520	112	75085	20.872	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	27347	20.328	ug/l	99
67) Ethyl Benzene	11.599	91	139758	20.496	ug/l	99
68) m/p-Xylenes	11.709	106	107052	41.195	ug/l	97
69) o-Xylene	12.032	106	49965	20.296	ug/l	99
70) Styrene	12.050	104	86262	20.748	ug/l	98
71) Bromoform	12.215	173	15398	18.910	ug/l #	99
73) Isopropylbenzene	12.337	105	136429	22.424	ug/l	100
74) N-amyl acetate	12.148	43	29733	15.792	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	20223	17.965	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	15979m	18.396	ug/l	
77) Bromobenzene	12.611	156	29289	21.138	ug/l	98
78) n-propylbenzene	12.672	91	165171	22.269	ug/l	99
79) 2-Chlorotoluene	12.764	91	88494	21.803	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	110376	22.135	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	7770	17.725	ug/l	99
82) 4-Chlorotoluene	12.861	91	93211	21.969	ug/l	98
83) tert-Butylbenzene	13.081	119	95412	22.030	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	107182	21.529	ug/l	99
85) sec-Butylbenzene	13.257	105	142711	22.127	ug/l	100
86) p-Isopropyltoluene	13.373	119	119087	21.811	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	58303	21.128	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	57064	20.955	ug/l	99
89) n-Butylbenzene	13.703	91	114603	22.245	ug/l	99
90) Hexachloroethane	13.965	117	21716	22.070	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	49899	20.982	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3467	17.423	ug/l	92
93) 1,2,4-Trichlorobenzene	15.013	180	30148	19.378	ug/l	99
94) Hexachlorobutadiene	15.117	225	21048	20.734	ug/l	98
95) Naphthalene	15.239	128	46928	16.305	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	23746	18.316	ug/l	99

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

