

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111521\
 Data File : VY006737.D
 Acq On : 15 Nov 2021 17:48
 Operator : SY/MD
 Sample : VY1115SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1115SBS01

Quant Time: Nov 16 04:22:03 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	7.795	168	136240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	220299	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	199286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	89665	50.216	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.440%			
35) Dibromofluoromethane	7.728	113	65558	48.448	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.900%			
50) Toluene-d8	10.185	98	270366	48.283	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.560%			
62) 4-Bromofluorobenzene	12.483	95	91261	48.344	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	27044	20.670	ug/l	95
3) Chloromethane	2.119	50	43195	21.945	ug/l	99
4) Vinyl Chloride	2.259	62	43663	21.850	ug/l	98
5) Bromomethane	2.649	94	24511	23.019	ug/l	96
6) Chloroethane	2.796	64	24345	19.913	ug/l	96
7) Trichlorofluoromethane	3.137	101	52580	20.995	ug/l	99
8) Diethyl Ether	3.533	74	18454	22.125	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.911	101	28104	21.130	ug/l	96
10) Methyl Iodide	4.100	142	37971	22.838	ug/l	96
11) Tert butyl alcohol	4.960	59	28031	104.386	ug/l #	91
12) 1,1-Dichloroethene	3.887	96	28143	21.334	ug/l	97
13) Acrolein	3.735	56	5135	136.697	ug/l	96
14) Allyl chloride	4.491	41	64938	21.855	ug/l	96
15) Acrylonitrile	5.167	53	52927	110.016	ug/l	99
16) Acetone	3.954	43	52145	96.118	ug/l	98
17) Carbon Disulfide	4.210	76	97250	20.885	ug/l	99
18) Methyl Acetate	4.485	43	41615	23.696	ug/l	97
19) Methyl tert-butyl Ether	5.234	73	89253	21.465	ug/l	96
20) Methylene Chloride	4.728	84	35485	19.857	ug/l	92
21) trans-1,2-Dichloroethene	5.228	96	32145	21.330	ug/l	95
22) Diisopropyl ether	6.124	45	131231	22.384	ug/l	97
23) Vinyl Acetate	6.070	43	391601	110.616	ug/l	99
24) 1,1-Dichloroethane	6.027	63	64106	21.423	ug/l	98
25) 2-Butanone	6.996	43	75155	102.390	ug/l	94
26) 2,2-Dichloropropane	6.990	77	56343	20.837	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	35926	21.108	ug/l	93
28) Bromochloromethane	7.344	49	29789	21.163	ug/l	86
29) Tetrahydrofuran	7.356	42	50501	112.171	ug/l	93
30) Chloroform	7.514	83	61693	21.446	ug/l	98
31) Cyclohexane	7.789	56	65393	20.837	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	54669	20.621	ug/l	98
36) 1,1-Dichloropropene	7.923	75	49209	20.550	ug/l	98
37) Ethyl Acetate	7.082	43	34236	21.384	ug/l	99
38) Carbon Tetrachloride	7.911	117	49123	20.057	ug/l	97
39) Methylcyclohexane	9.191	83	57466	19.678	ug/l	96
40) Benzene	8.167	78	139204	20.650	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	30142m	22.423	ug/l	
42) 1,2-Dichloroethane	8.246	62	47450	21.128	ug/l	98
43) Isopropyl Acetate	8.277	43	62759	20.898	ug/l	99
44) Trichloroethene	8.947	130	33468	20.409	ug/l	100
45) 1,2-Dichloropropane	9.221	63	36505	20.989	ug/l	95
46) Dibromomethane	9.313	93	18827	20.784	ug/l	95
47) Bromodichloromethane	9.502	83	47698	20.735	ug/l	98
48) Methyl methacrylate	9.301	41	28708	20.176	ug/l	97
49) 1,4-Dioxane	9.307	88	4482	431.205	ug/l	92
51) 4-Methyl-2-Pentanone	10.075	43	170862	108.010	ug/l	98
52) Toluene	10.246	92	83047	20.288	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	52291	20.912	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	58399	20.824	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	25536	21.116	ug/l	96
56) Ethyl methacrylate	10.514	69	40813	21.712	ug/l	97
57) 1,3-Dichloropropane	10.794	76	48104	21.799	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	102911	99.996	ug/l	95
59) 2-Hexanone	10.837	43	117633	115.501	ug/l	98
60) Dibromochloromethane	10.989	129	30889	20.838	ug/l	98
61) 1,2-Dibromoethane	11.093	107	24444	21.817	ug/l	98
64) Tetrachloroethene	10.721	164	29253	20.088	ug/l	97
65) Chlorobenzene	11.520	112	84824	20.921	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	30634	20.204	ug/l	97
67) Ethyl Benzene	11.599	91	161644	21.033	ug/l	98
68) m/p-Xylenes	11.709	106	121501	41.484	ug/l	99
69) o-Xylene	12.032	106	57817	20.838	ug/l	96
70) Styrene	12.050	104	96967	20.693	ug/l	98
71) Bromoform	12.215	173	20350	22.174	ug/l #	97
73) Isopropylbenzene	12.331	105	157806	21.263	ug/l	99
74) N-amyl acetate	12.148	43	44826	18.773	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	30552	22.249	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	23893m	22.549	ug/l	
77) Bromobenzene	12.611	156	34879	20.636	ug/l	92
78) n-propylbenzene	12.672	91	192480	21.274	ug/l	99
79) 2-Chlorotoluene	12.757	91	107473	21.707	ug/l	96
80) 1,3,5-Trimethylbenzene	12.818	105	128705	21.159	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	11045	20.655	ug/l	98
82) 4-Chlorotoluene	12.855	91	111060	21.458	ug/l	98
83) tert-Butylbenzene	13.081	119	111134	21.036	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	129587	21.338	ug/l	97
85) sec-Butylbenzene	13.257	105	165954	21.093	ug/l	98
86) p-Isopropyltoluene	13.373	119	137539	20.651	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	68582	20.374	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	67658	20.368	ug/l	98
89) n-Butylbenzene	13.702	91	136419	21.707	ug/l	99
90) Hexachloroethane	13.965	117	24597	20.493	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	60376	20.812	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5415	22.308	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	38567	20.321	ug/l	100
94) Hexachlorobutadiene	15.117	225	24175	19.522	ug/l	98
95) Naphthalene	15.239	128	73457	20.923	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	32122	20.312	ug/l	99

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

