

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110421\
 Data File : VY006621.D
 Acq On : 04 Nov 2021 15:54
 Operator : SY/MD
 Sample : VY1104SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1104SBS01

Quant Time: Nov 05 13:57:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Vimala Arumugam 11/08/2021
 Supervised By :Mahesh Dadoda 11/11/2021

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	145681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	237799	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	214466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	93364	52.080	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.160%			
35) Dibromofluoromethane	7.728	113	71635	54.047	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.100%			
50) Toluene-d8	10.185	98	304057	54.115	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.240%			
62) 4-Bromofluorobenzene	12.483	95	101501	53.628	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	24571	18.246	ug/l	98
3) Chloromethane	2.119	50	38545	21.206	ug/l	99
4) Vinyl Chloride	2.259	62	41636	20.510	ug/l	100
5) Bromomethane	2.650	94	25381	18.767	ug/l	96
6) Chloroethane	2.802	64	18158	15.148	ug/l	94
7) Trichlorofluoromethane	3.137	101	50125	19.446	ug/l	99
8) Diethyl Ether	3.546	74	16862	19.974	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.912	101	28191	21.482	ug/l	96
10) Methyl Iodide	4.107	142	24742	20.557	ug/l	97
11) Tert butyl alcohol	4.972	59	12348	75.820	ug/l	98
12) 1,1-Dichloroethene	3.887	96	27578	20.968	ug/l	93
13) Acrolein	3.741	56	9333	82.894	ug/l	97
14) Allyl chloride	4.491	41	64001	23.643	ug/l	95
15) Acrylonitrile	5.173	53	44256	93.094	ug/l	98
16) Acetone	3.954	43	43667	84.593	ug/l	98
17) Carbon Disulfide	4.204	76	84028	19.479	ug/l	99
18) Methyl Acetate	4.491	43	31736	18.959	ug/l	97
19) Methyl tert-butyl Ether	5.234	73	82338	19.527	ug/l	97
20) Methylene Chloride	4.728	84	41076	23.498	ug/l #	89
21) trans-1,2-Dichloroethene	5.234	96	31247	20.950	ug/l	96
22) Diisopropyl ether	6.131	45	132631	24.584	ug/l	94
23) Vinyl Acetate	6.070	43	345471	105.282	ug/l	97
24) 1,1-Dichloroethane	6.033	63	66334	23.514	ug/l	100
25) 2-Butanone	6.990	43	61948	91.602	ug/l	96
26) 2,2-Dichloropropane	6.990	77	58653	21.859	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	36763	21.591	ug/l	94
28) Bromochloromethane	7.344	49	29782	26.020	ug/l	91
29) Tetrahydrofuran	7.362	42	38570	92.962	ug/l	94
30) Chloroform	7.515	83	64598	22.173	ug/l	99
31) Cyclohexane	7.789	56	62373	21.492	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	55011	20.450	ug/l	97
36) 1,1-Dichloropropene	7.923	75	48304	20.558	ug/l	98
37) Ethyl Acetate	7.082	43	26592	17.883	ug/l	100
38) Carbon Tetrachloride	7.905	117	48511	18.716	ug/l	97
39) Methylcyclohexane	9.191	83	54245	18.965	ug/l	91
40) Benzene	8.167	78	139232	20.776	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	18982m	22.496	ug/l	
42) 1,2-Dichloroethane	8.246	62	43906	18.347	ug/l	98
43) Isopropyl Acetate	8.283	43	52640	18.248	ug/l	98
44) Trichloroethene	8.947	130	35055	20.283	ug/l	96
45) 1,2-Dichloropropane	9.222	63	37398	22.530	ug/l	97
46) Dibromomethane	9.313	93	17881	19.625	ug/l	94
47) Bromodichloromethane	9.502	83	48063	20.277	ug/l	100
48) Methyl methacrylate	9.295	41	25278	18.907	ug/l	93
49) 1,4-Dioxane	9.301	88	3683	297.734	ug/l #	80
51) 4-Methyl-2-Pentanone	10.075	43	135046	89.305	ug/l	99
52) Toluene	10.246	92	84610	20.123	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	48962	19.175	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	57103	20.641	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	24367	19.342	ug/l	97
56) Ethyl methacrylate	10.514	69	34998	17.982	ug/l	95
57) 1,3-Dichloropropane	10.794	76	45023	19.664	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.789	63	94971	106.966	ug/l	95
59) 2-Hexanone	10.837	43	95361	87.132	ug/l	98
60) Dibromochloromethane	10.990	129	28582	18.393	ug/l	100
61) 1,2-Dibromoethane	11.093	107	21859	18.429	ug/l	99
64) Tetrachloroethene	10.721	164	38630	20.599	ug/l	97
65) Chlorobenzene	11.520	112	85991	20.602	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	31631	20.131	ug/l	98
67) Ethyl Benzene	11.599	91	166098	20.899	ug/l	100
68) m/p-Xylenes	11.709	106	121909	40.773	ug/l	99
69) o-Xylene	12.032	106	58269	20.424	ug/l	98
70) Styrene	12.050	104	97727	20.035	ug/l	99
71) Bromoform	12.209	173	17291	17.409	ug/l #	99
73) Isopropylbenzene	12.331	105	159748	22.358	ug/l	98
74) N-amyl acetate	12.148	43	46683	19.696	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	24351	19.686	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	20968m	19.921	ug/l	
77) Bromobenzene	12.611	156	34391	20.430	ug/l	93
78) n-propylbenzene	12.672	91	199448	22.588	ug/l	98
79) 2-Chlorotoluene	12.757	91	111875	22.886	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	132772	22.192	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	9763	19.042	ug/l	96
82) 4-Chlorotoluene	12.855	91	114654	22.509	ug/l	97
83) tert-Butylbenzene	13.081	119	113973	22.169	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	129953	21.724	ug/l	98
85) sec-Butylbenzene	13.257	105	174677	22.628	ug/l	98
86) p-Isopropyltoluene	13.373	119	142173	21.588	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	70402	20.838	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	69462	20.910	ug/l	98
89) n-Butylbenzene	13.696	91	140386	22.661	ug/l	99
90) Hexachloroethane	13.965	117	27022	22.719	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	60203	20.316	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4385	16.698	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	35939	18.371	ug/l	98
94) Hexachlorobutadiene	15.111	225	25232	20.124	ug/l	99
95) Naphthalene	15.239	128	59063	15.424	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	29199	17.044	ug/l	99

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

