

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110221\
 Data File : VY006571.D
 Acq On : 02 Nov 2021 12:43
 Operator : SY/MD
 Sample : VY1102SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1102SBS01

Quant Time: Nov 03 02:00:34 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 11/03/2021
 Supervised By :Mahesh Dadoda 11/03/2021

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	147694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	233937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	212991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	94836	52.180	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.360%			
35) Dibromofluoromethane	7.722	113	70015	53.697	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.400%			
50) Toluene-d8	10.185	98	305819	55.328	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.660%			
62) 4-Bromofluorobenzene	12.483	95	101655	54.596	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	24411	17.880	ug/l	99
3) Chloromethane	2.119	50	35630	19.335	ug/l	100
4) Vinyl Chloride	2.259	62	39785	19.331	ug/l	98
5) Bromomethane	2.643	94	26835	19.572	ug/l	94
6) Chloroethane	2.802	64	19442	15.998	ug/l	99
7) Trichlorofluoromethane	3.131	101	50179	19.202	ug/l	97
8) Diethyl Ether	3.540	74	15694	18.337	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.912	101	28123	21.138	ug/l	98
10) Methyl Iodide	4.107	142	22944	19.235	ug/l	97
11) Tert butyl alcohol	4.966	59	11704	70.886	ug/l #	87
12) 1,1-Dichloroethene	3.881	96	27041	20.280	ug/l	94
13) Acrolein	3.735	56	9548	83.648	ug/l	97
14) Allyl chloride	4.491	41	62565	22.797	ug/l	94
15) Acrylonitrile	5.173	53	43225	89.686	ug/l	97
16) Acetone	3.954	43	41414	79.135	ug/l	97
17) Carbon Disulfide	4.204	76	84086	19.226	ug/l	99
18) Methyl Acetate	4.485	43	32348	19.062	ug/l	97
19) Methyl tert-butyl Ether	5.234	73	79294	18.549	ug/l	96
20) Methylene Chloride	4.722	84	40778	22.919	ug/l	91
21) trans-1,2-Dichloroethene	5.234	96	30068	19.885	ug/l	99
22) Diisopropyl ether	6.125	45	128075	23.416	ug/l	98
23) Vinyl Acetate	6.070	43	331345	99.601	ug/l	99
24) 1,1-Dichloroethane	6.021	63	64311	22.486	ug/l	98
25) 2-Butanone	6.990	43	58610	85.485	ug/l	97
26) 2,2-Dichloropropane	6.990	77	57624	21.183	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	35693	20.677	ug/l	95
28) Bromochloromethane	7.338	49	29047	25.032	ug/l	87
29) Tetrahydrofuran	7.356	42	37588	89.360	ug/l	93
30) Chloroform	7.515	83	61549	20.839	ug/l	100
31) Cyclohexane	7.789	56	63574	21.607	ug/l	95
32) 1,1,1-Trichloroethane	7.710	97	55487	20.345	ug/l	98
36) 1,1-Dichloropropene	7.923	75	47171	20.407	ug/l	97
37) Ethyl Acetate	7.082	43	26650	18.218	ug/l	99
38) Carbon Tetrachloride	7.911	117	48754	19.120	ug/l	98
39) Methylcyclohexane	9.185	83	55640	19.774	ug/l	94
40) Benzene	8.167	78	134721	20.435	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	16810m	20.251	ug/l	
42) 1,2-Dichloroethane	8.246	62	43834	18.619	ug/l	100
43) Isopropyl Acetate	8.277	43	51410	18.116	ug/l	99
44) Trichloroethene	8.947	130	34219	20.126	ug/l	100
45) 1,2-Dichloropropane	9.222	63	36592	22.408	ug/l	99
46) Dibromomethane	9.307	93	17056	19.028	ug/l	95
47) Bromodichloromethane	9.502	83	46729	20.040	ug/l	99
48) Methyl methacrylate	9.295	41	24972	18.986	ug/l	92
49) 1,4-Dioxane	9.301	88	3660	300.759	ug/l	90
51) 4-Methyl-2-Pentanone	10.075	43	131282	88.249	ug/l	99
52) Toluene	10.246	92	81801	19.776	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	47575	18.939	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	55308	20.322	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	23271	18.777	ug/l	94
56) Ethyl methacrylate	10.514	69	33675	17.588	ug/l	96
57) 1,3-Dichloropropane	10.794	76	44103	19.580	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	95153	108.940	ug/l	95
59) 2-Hexanone	10.837	43	92588	85.995	ug/l	99
60) Dibromochloromethane	10.990	129	28034	18.338	ug/l	99
61) 1,2-Dibromoethane	11.093	107	21418	18.356	ug/l	97
64) Tetrachloroethene	10.721	164	38460	20.651	ug/l	99
65) Chlorobenzene	11.520	112	83593	20.166	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	30981	19.854	ug/l	99
67) Ethyl Benzene	11.593	91	162316	20.564	ug/l	100
68) m/p-Xylenes	11.703	106	118596	39.940	ug/l	99
69) o-Xylene	12.032	106	55695	19.657	ug/l	98
70) Styrene	12.044	104	95596	19.733	ug/l	99
71) Bromoform	12.209	173	16843	17.075	ug/l #	98
73) Isopropylbenzene	12.331	105	154886	21.199	ug/l	98
74) N-amyl acetate	12.148	43	45328	18.702	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	23165	18.314	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	22779m	21.164	ug/l	
77) Bromobenzene	12.611	156	33460	19.438	ug/l	92
78) n-propylbenzene	12.672	91	194384	21.529	ug/l	99
79) 2-Chlorotoluene	12.757	91	108100	21.626	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	129392	21.150	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	9585	18.283	ug/l	97
82) 4-Chlorotoluene	12.855	91	112455	21.590	ug/l	98
83) tert-Butylbenzene	13.081	119	111437	21.197	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	126967	20.757	ug/l	99
85) sec-Butylbenzene	13.257	105	169097	21.422	ug/l	100
86) p-Isopropyltoluene	13.373	119	140651	20.886	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	69435	20.099	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	68497	20.165	ug/l	98
89) n-Butylbenzene	13.696	91	138458	21.857	ug/l	99
90) Hexachloroethane	13.965	117	26369	21.681	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	60674	20.023	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4448	16.564	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	38182	19.087	ug/l	100
94) Hexachlorobutadiene	15.117	225	25467	19.864	ug/l	99
95) Naphthalene	15.239	128	63149	16.128	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	31268	17.849	ug/l	99

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

