

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090722\
 Data File : VY010366.D
 Acq On : 07 Sep 2022 12:34
 Operator : KP/MD
 Sample : VY0907SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0907SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/08/2022
 Supervised By :Mahesh Dadoda 09/08/2022

Quant Time: Sep 08 03:41:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	281986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	445060	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	398733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	199101	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	152144	52.619	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.240%			
35) Dibromofluoromethane	7.715	113	144039	48.615	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.240%			
50) Toluene-d8	10.178	98	552686	55.716	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.440%			
62) 4-Bromofluorobenzene	12.483	95	193532	48.531	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	48583	21.582	ug/l	100
3) Chloromethane	2.113	50	69553	22.630	ug/l	95
4) Vinyl Chloride	2.247	62	81780	24.421	ug/l	98
5) Bromomethane	2.637	94	56565	27.936	ug/l	100
6) Chloroethane	2.783	64	52047	25.408	ug/l	100
7) Trichlorofluoromethane	3.119	101	102672	21.873	ug/l	93
8) Diethyl Ether	3.527	74	33103	19.736	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.887	101	58725	20.257	ug/l	96
10) Methyl Iodide	4.082	142	75182	21.557	ug/l	89
11) Tert butyl alcohol	4.936	59	64873	187.539	ug/l #	93
12) 1,1-Dichloroethene	3.863	96	56964	20.293	ug/l	86
13) Acrolein	3.722	56	35556	97.097	ug/l	99
14) Allyl chloride	4.472	41	87323	17.674	ug/l #	94
15) Acrylonitrile	5.161	53	86079	98.492	ug/l	97
16) Acetone	3.942	43	68143	94.273	ug/l	90
17) Carbon Disulfide	4.186	76	166589	19.483	ug/l	99
18) Methyl Acetate	4.472	43	47242	21.060	ug/l #	89
19) Methyl tert-butyl Ether	5.222	73	157177	19.153	ug/l	94
20) Methylene Chloride	4.710	84	66813	19.154	ug/l	83
21) trans-1,2-Dichloroethene	5.216	96	63351	19.915	ug/l	86
22) Diisopropyl ether	6.118	45	184281	18.352	ug/l #	94
23) Vinyl Acetate	6.057	43	574812	91.299	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	108305	18.723	ug/l	97
25) 2-Butanone	6.978	43	112184	94.569	ug/l #	90
26) 2,2-Dichloropropane	6.978	77	103439	19.633	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	72187	19.857	ug/l	91
28) Bromochloromethane	7.331	49	29584	15.693	ug/l #	80
29) Tetrahydrofuran	7.344	42	72468	95.355	ug/l #	86
30) Chloroform	7.502	83	113774	19.973	ug/l	99
31) Cyclohexane	7.783	56	103002	18.261	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	104244	20.084	ug/l	96
36) 1,1-Dichloropropene	7.917	75	88061	20.257	ug/l	97
37) Ethyl Acetate	7.069	43	49364	19.806	ug/l #	95
38) Carbon Tetrachloride	7.898	117	95225	21.255	ug/l	98
39) Methylcyclohexane	9.179	83	110698	19.724	ug/l	90
40) Benzene	8.154	78	253935	20.396	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	22936	16.323	ug/l #	51
42) 1,2-Dichloroethane	8.234	62	76087	21.078	ug/l	93
43) Isopropyl Acetate	8.270	43	89239	18.783	ug/l #	92
44) Trichloroethene	8.941	130	72101	21.095	ug/l	99
45) 1,2-Dichloropropane	9.215	63	61303	19.327	ug/l	95
46) Dibromomethane	9.307	93	37020	21.249	ug/l	97
47) Bromodichloromethane	9.496	83	86519	20.194	ug/l	99
48) Methyl methacrylate	9.288	41	40537	18.292	ug/l #	86
49) 1,4-Dioxane	9.301	88	10065	419.864	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	243706	99.425	ug/l	92
52) Toluene	10.239	92	160187	20.114	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	89458	19.359	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	100619	19.310	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	51772	20.934	ug/l	99
56) Ethyl methacrylate	10.508	69	69427	19.001	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	87714	20.348	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	147399	135.996	ug/l	93
59) 2-Hexanone	10.831	43	167095	98.308	ug/l	90
60) Dibromochloromethane	10.983	129	63680	21.369	ug/l	99
61) 1,2-Dibromoethane	11.087	107	51592	21.587	ug/l	99
64) Tetrachloroethene	10.721	164	70642	21.724	ug/l	96
65) Chlorobenzene	11.514	112	176146	20.731	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	63670	20.407	ug/l	97
67) Ethyl Benzene	11.593	91	308469	19.825	ug/l	96
68) m/p-Xylenes	11.703	106	245055	41.229	ug/l	93
69) o-Xylene	12.026	106	116697	20.222	ug/l	93
70) Styrene	12.044	104	196920	20.485	ug/l	95
71) Bromoform	12.209	173	40282	20.886	ug/l #	99
73) Isopropylbenzene	12.331	105	308338	19.411	ug/l	99
74) N-amyl acetate	12.142	43	75770	17.290	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.580	83	60476	19.810	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	55247m	23.317	ug/l	
77) Bromobenzene	12.611	156	72610	20.094	ug/l	94
78) n-propylbenzene	12.672	91	363948	19.086	ug/l	97
79) 2-Chlorotoluene	12.757	91	205189	19.039	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	263724	19.816	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	20546	18.090	ug/l	91
82) 4-Chlorotoluene	12.855	91	213558	19.244	ug/l	97
83) tert-Butylbenzene	13.074	119	225323	19.487	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	256095	19.595	ug/l	97
85) sec-Butylbenzene	13.251	105	333004	19.475	ug/l	99
86) p-Isopropyltoluene	13.367	119	283360	20.062	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	144770	20.633	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	144949	20.778	ug/l	98
89) n-Butylbenzene	13.696	91	257076	19.254	ug/l	98
90) Hexachloroethane	13.958	117	53047	19.566	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	129691	20.739	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10495	19.510	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	80358	20.761	ug/l	99
94) Hexachlorobutadiene	15.111	225	48776	21.500	ug/l	98
95) Naphthalene	15.239	128	164353	20.464	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	70361	21.463	ug/l	99

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

