

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090324\
 Data File : VY019421.D
 Acq On : 03 Sep 2024 11:45
 Operator : SY/MD
 Sample : VY0903SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0903SBS01

Quant Time: Sep 04 01:31:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 09/04/2024
 Supervised By :Mahesh Dadoda 09/04/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	124522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	194178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	118116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	84811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	67424	57.166	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.340%			
35) Dibromofluoromethane	7.634	113	68686	55.949	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.900%			
50) Toluene-d8	10.109	98	211468	46.793	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 93.580%			
62) 4-Bromofluorobenzene	12.408	95	57986	39.670	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 79.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	20811	20.511	ug/l	99
3) Chloromethane	2.074	50	30418	18.427	ug/l	98
4) Vinyl Chloride	2.208	62	33971	17.937	ug/l	100
5) Bromomethane	2.592	94	27571	20.266	ug/l	97
6) Chloroethane	2.739	64	21050	18.249	ug/l	98
7) Trichlorofluoromethane	3.056	101	43654	19.472	ug/l	97
8) Diethyl Ether	3.458	74	13157	24.848	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.811	101	27584	21.673	ug/l	98
10) Methyl Iodide	4.000	142	25945	20.913	ug/l	94
11) Tert butyl alcohol	4.872	59	7203	108.359	ug/l #	85
12) 1,1-Dichloroethene	3.787	96	25175	21.689	ug/l	94
13) Acrolein	3.647	56	8510	109.777	ug/l	96
14) Allyl chloride	4.385	41	35156	21.938	ug/l	92
15) Acrylonitrile	5.049	53	26082	120.576	ug/l	98
16) Acetone	3.872	43	30624	132.009	ug/l	100
17) Carbon Disulfide	4.104	76	72047	21.501	ug/l	98
18) Methyl Acetate	4.385	43	11838	23.115	ug/l	98
19) Methyl tert-butyl Ether	5.110	73	59259	22.394	ug/l	96
20) Methylene Chloride	4.610	84	29621	16.241	ug/l	95
21) trans-1,2-Dichloroethene	5.104	96	27777	21.011	ug/l	99
22) Diisopropyl ether	6.012	45	77380	21.463	ug/l #	88
23) Vinyl Acetate	5.957	43	220707	109.987	ug/l	95
24) 1,1-Dichloroethane	5.909	63	46203	21.206	ug/l	97
25) 2-Butanone	6.890	43	38596	124.383	ug/l	93
26) 2,2-Dichloropropane	6.884	77	40008	21.082	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	32060	21.180	ug/l	96
28) Bromochloromethane	7.244	49	19033	21.262	ug/l	95
29) Tetrahydrofuran	7.256	42	21434	114.962	ug/l	93
30) Chloroform	7.414	83	52763	21.633	ug/l	98
31) Cyclohexane	7.701	56	40303	20.094	ug/l	94
32) 1,1,1-Trichloroethane	7.616	97	47752	21.096	ug/l	98
36) 1,1-Dichloropropene	7.835	75	35682	20.567	ug/l	99
37) Ethyl Acetate	6.976	43	16941	24.669	ug/l	96
38) Carbon Tetrachloride	7.817	117	44223	20.914	ug/l	99
39) Methylcyclohexane	9.109	83	45562	20.480	ug/l	96
40) Benzene	8.079	78	110827	20.991	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	6771	16.350	ug/l	94
42) 1,2-Dichloroethane	8.158	62	29352	20.948	ug/l	96
43) Isopropyl Acetate	8.195	43	29647	22.121	ug/l #	82
44) Trichloroethene	8.865	130	30507	21.037	ug/l	89
45) 1,2-Dichloropropane	9.140	63	23262	20.328	ug/l	100
46) Dibromomethane	9.231	93	15474	22.480	ug/l	97
47) Bromodichloromethane	9.426	83	39022	21.465	ug/l	95
48) Methyl methacrylate	9.225	41	13389	21.131	ug/l	91
49) 1,4-Dioxane	9.231	88	3352	444.482	ug/l #	89
51) 4-Methyl-2-Pentanone	9.999	43	63745	90.832	ug/l	95
52) Toluene	10.170	92	61098	17.651	ug/l	95
53) t-1,3-Dichloropropene	10.396	75	26054	17.352	ug/l #	87
54) cis-1,3-Dichloropropene	9.859	75	33810	19.017	ug/l #	87
55) 1,1,2-Trichloroethane	10.572	97	16838	19.176	ug/l	94
56) Ethyl methacrylate	10.438	69	19675	17.249	ug/l #	81
57) 1,3-Dichloropropane	10.725	76	27575	19.224	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	51685	101.069	ug/l	95
59) 2-Hexanone	10.761	43	46337	99.567	ug/l	93
60) Dibromochloromethane	10.914	129	18462	15.422	ug/l	95
61) 1,2-Dibromoethane	11.018	107	13984	17.287	ug/l	94
64) Tetrachloroethene	10.652	164	28058	24.321	ug/l	98
65) Chlorobenzene	11.444	112	55606	21.042	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	18660	20.364	ug/l	98
67) Ethyl Benzene	11.524	91	94900	20.541	ug/l	98
68) m/p-Xylenes	11.633	106	75012	41.035	ug/l	99
69) o-Xylene	11.956	106	35967	21.124	ug/l	96
70) Styrene	11.975	104	58374	20.952	ug/l	98
71) Bromoform	12.133	173	10969	22.520	ug/l #	95
73) Isopropylbenzene	12.261	105	92936	13.743	ug/l	100
74) N-amyl acetate	12.072	43	19024	14.630	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.511	83	16994	16.908	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	10720m	14.393	ug/l	
77) Bromobenzene	12.536	156	21596	13.554	ug/l	98
78) n-propylbenzene	12.596	91	113876	13.937	ug/l	98
79) 2-Chlorotoluene	12.682	91	64592	14.189	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	80050	15.024	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	4770	15.845	ug/l	90
82) 4-Chlorotoluene	12.779	91	68579	14.892	ug/l	98
83) tert-Butylbenzene	12.999	119	71490	14.670	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	77639	15.177	ug/l	95
85) sec-Butylbenzene	13.182	105	122618	17.168	ug/l	99
86) p-Isopropyltoluene	13.298	119	106857	18.367	ug/l	95
87) 1,3-Dichlorobenzene	13.291	146	55637	18.981	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	62948	21.523	ug/l	99
89) n-Butylbenzene	13.621	91	107007	20.018	ug/l	99
90) Hexachloroethane	13.883	117	22960	19.468	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	54485	21.061	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	3346	24.454	ug/l	83
93) 1,2,4-Trichlorobenzene	14.925	180	30618	23.034	ug/l	99
94) Hexachlorobutadiene	15.029	225	17799	18.625	ug/l	95
95) Naphthalene	15.145	128	50099	23.018	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	25822	22.705	ug/l	98

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

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