

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071924\
 Data File : VY018875.D
 Acq On : 19 Jul 2024 12:14
 Operator : SY/MD
 Sample : VY0719SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0719SBS01

Quant Time: Jul 19 23:01:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/22/2024
 Supervised By :Semsettin Yesilyurt 07/22/2024

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	114145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	178160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	156535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	76893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	55076	49.034	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.060%		
35) Dibromofluoromethane	7.704	113	56359	50.508	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.020%		
50) Toluene-d8	10.173	98	201752	47.724	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.440%		
62) 4-Bromofluorobenzene	12.477	95	68090	47.163	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	94.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	14154	14.798	ug/l	100
3) Chloromethane	2.107	50	21404	14.726	ug/l	93
4) Vinyl Chloride	2.247	62	26371	15.510	ug/l	95
5) Bromomethane	2.631	94	21558	18.433	ug/l	93
6) Chloroethane	2.778	64	18396	16.654	ug/l	97
7) Trichlorofluoromethane	3.107	101	36500	16.428	ug/l	99
8) Diethyl Ether	3.515	74	9692	17.898	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.887	101	19593	17.188	ug/l	96
10) Methyl Iodide	4.076	142	19095	15.556	ug/l	94
11) Tert butyl alcohol	4.936	59	6905	60.686	ug/l #	83
12) 1,1-Dichloroethene	3.857	96	18305	16.599	ug/l	91
13) Acrolein	3.723	56	5318	58.337	ug/l	99
14) Allyl chloride	4.466	41	22407	16.401	ug/l	91
15) Acrylonitrile	5.155	53	20232	94.707	ug/l	98
16) Acetone	3.930	43	17351	83.790	ug/l	87
17) Carbon Disulfide	4.180	76	44650	14.460	ug/l	99
18) Methyl Acetate	4.460	43	10544	17.524	ug/l	97
19) Methyl tert-butyl Ether	5.204	73	47347	18.508	ug/l	96
20) Methylene Chloride	4.692	84	24319	17.512	ug/l	96
21) trans-1,2-Dichloroethene	5.198	96	18970	16.298	ug/l	91
22) Diisopropyl ether	6.106	45	53065	17.856	ug/l	96
23) Vinyl Acetate	6.039	43	208337	88.984	ug/l	96
24) 1,1-Dichloroethane	6.003	63	32495	17.126	ug/l	98
25) 2-Butanone	6.972	43	25310	87.196	ug/l #	85
26) 2,2-Dichloropropane	6.972	77	29500	16.756	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	23859	17.607	ug/l	98
28) Bromochloromethane	7.320	49	14351	18.831	ug/l	98
29) Tetrahydrofuran	7.338	42	16704	93.869	ug/l	95
30) Chloroform	7.496	83	38715	18.308	ug/l	97
31) Cyclohexane	7.777	56	27176	15.749	ug/l	96
32) 1,1,1-Trichloroethane	7.692	97	34831	17.713	ug/l	98
36) 1,1-Dichloropropene	7.905	75	25843	16.782	ug/l	97
37) Ethyl Acetate	7.064	43	10788	16.854	ug/l #	94
38) Carbon Tetrachloride	7.893	117	31678	17.080	ug/l	96
39) Methylcyclohexane	9.173	83	32630	16.535	ug/l	95
40) Benzene	8.155	78	77455	17.339	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	6550m	17.949	ug/l	
42) 1,2-Dichloroethane	8.228	62	22605	18.074	ug/l	94
43) Isopropyl Acetate	8.265	43	22513	17.676	ug/l #	79
44) Trichloroethene	8.935	130	21513	16.848	ug/l	96
45) 1,2-Dichloropropane	9.203	63	17146	17.626	ug/l	100
46) Dibromomethane	9.301	93	11729	18.602	ug/l	99
47) Bromodichloromethane	9.490	83	28169	17.883	ug/l	97
48) Methyl methacrylate	9.289	41	10140	17.516	ug/l	89
49) 1,4-Dioxane	9.283	88	2633	356.229	ug/l #	100
51) 4-Methyl-2-Pentanone	10.063	43	61098	93.958	ug/l	92
52) Toluene	10.240	92	51145	17.226	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	24344	17.900	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	27728	17.379	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	15311	19.176	ug/l	98
56) Ethyl methacrylate	10.508	69	18498	17.597	ug/l #	83
57) 1,3-Dichloropropane	10.782	76	24538	18.539	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.777	63	48216	96.005	ug/l	93
59) 2-Hexanone	10.831	43	41986	92.292	ug/l	91
60) Dibromochloromethane	10.984	129	20816	18.974	ug/l	92
61) 1,2-Dibromoethane	11.087	107	13458	17.337	ug/l	93
64) Tetrachloroethene	10.715	164	22028	17.386	ug/l	97
65) Chlorobenzene	11.514	112	59890	18.137	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	20759	18.246	ug/l	96
67) Ethyl Benzene	11.587	91	99169	17.143	ug/l	98
68) m/p-Xylenes	11.697	106	78671	34.656	ug/l	99
69) o-Xylene	12.026	106	36784	17.236	ug/l	100
70) Styrene	12.038	104	62380	17.518	ug/l	97
71) Bromoform	12.203	173	11913	19.210	ug/l #	96
73) Isopropylbenzene	12.325	105	97881	17.393	ug/l	98
74) N-amyl acetate	12.142	43	19859	17.255	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	16430	18.520	ug/l	96
76) 1,2,3-Trichloropropane	12.630	75	13364m	22.190	ug/l	
77) Bromobenzene	12.605	156	23308	17.349	ug/l	95
78) n-propylbenzene	12.666	91	113952	17.051	ug/l	97
79) 2-Chlorotoluene	12.752	91	65077	17.318	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	80648	17.515	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	4672	17.362	ug/l #	80
82) 4-Chlorotoluene	12.849	91	66311	17.137	ug/l	98
83) tert-Butylbenzene	13.075	119	75396	17.736	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	79753	17.430	ug/l	98
85) sec-Butylbenzene	13.252	105	106553	17.659	ug/l	97
86) p-Isopropyltoluene	13.367	119	89267	17.136	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	47468	17.990	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	46123	17.637	ug/l	98
89) n-Butylbenzene	13.697	91	80918	17.134	ug/l	97
90) Hexachloroethane	13.965	117	16399	16.928	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	41543	18.226	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2560	17.808	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	24256	17.433	ug/l	99
94) Hexachlorobutadiene	15.111	225	13613	16.974	ug/l	92
95) Naphthalene	15.239	128	41254	17.284	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	21015	17.652	ug/l	98

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

