

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072424\
 Data File : VY018904.D
 Acq On : 24 Jul 2024 12:20
 Operator : SY/MD
 Sample : VY0724SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0724SBS01

Quant Time: Jul 25 01:26:26 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 07/25/2024
 Supervised By :Semsettin Yesilyurt 07/25/2024

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	95766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	143096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	126696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	63268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	49746	52.789	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.580%			
35) Dibromofluoromethane	7.710	113	50338	56.166	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.340%			
50) Toluene-d8	10.173	98	181060	53.324	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.640%			
62) 4-Bromofluorobenzene	12.477	95	62528	53.923	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 107.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	12415	15.471	ug/l	99
3) Chloromethane	2.107	50	19365	15.880	ug/l	100
4) Vinyl Chloride	2.241	62	24790	17.378	ug/l	90
5) Bromomethane	2.631	94	18925	19.287	ug/l	91
6) Chloroethane	2.778	64	15973	17.235	ug/l	96
7) Trichlorofluoromethane	3.107	101	34891	18.718	ug/l	87
8) Diethyl Ether	3.515	74	8617	18.967	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.875	101	18287	19.121	ug/l	92
10) Methyl Iodide	4.070	142	17446	16.940	ug/l	91
11) Tert butyl alcohol	4.936	59	10981m	115.031	ug/l	
12) 1,1-Dichloroethene	3.857	96	16523	17.858	ug/l	98
13) Acrolein	3.717	56	4632	60.563	ug/l	99
14) Allyl chloride	4.454	41	22108	19.288	ug/l	95
15) Acrylonitrile	5.143	53	18196	101.523	ug/l	97
16) Acetone	3.930	43	17248	99.278	ug/l	88
17) Carbon Disulfide	4.180	76	38217	14.752	ug/l	98
18) Methyl Acetate	4.466	43	10335	20.473	ug/l	100
19) Methyl tert-butyl Ether	5.204	73	42872	19.975	ug/l	100
20) Methylene Chloride	4.698	84	32175	30.795	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	18037	18.471	ug/l #	85
22) Diisopropyl ether	6.106	45	48897	19.611	ug/l	94
23) Vinyl Acetate	6.045	43	189188	96.312	ug/l	97
24) 1,1-Dichloroethane	5.997	63	31379	19.711	ug/l	97
25) 2-Butanone	6.978	43	24815	101.898	ug/l	90
26) 2,2-Dichloropropane	6.966	77	29203	19.771	ug/l	96
27) cis-1,2-Dichloroethene	6.972	96	22811	20.064	ug/l	99
28) Bromochloromethane	7.326	49	13969	21.847	ug/l	100
29) Tetrahydrofuran	7.344	42	15686	105.065	ug/l	90
30) Chloroform	7.496	83	36845	20.767	ug/l	92
31) Cyclohexane	7.777	56	24704	17.064	ug/l	94
32) 1,1,1-Trichloroethane	7.691	97	32880	19.929	ug/l	96
36) 1,1-Dichloropropene	7.905	75	24645	19.926	ug/l	98
37) Ethyl Acetate	7.063	43	9480	18.440	ug/l	95
38) Carbon Tetrachloride	7.893	117	30663	20.584	ug/l	96
39) Methylcyclohexane	9.173	83	30713	19.377	ug/l	98
40) Benzene	8.155	78	73420	20.463	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.289	41	5360m	18.287	ug/l	
42) 1,2-Dichloroethane	8.228	62	20977	20.882	ug/l	98
43) Isopropyl Acetate	8.264	43	21193	20.717	ug/l	94
44) Trichloroethene	8.935	130	21644	21.104	ug/l	96
45) 1,2-Dichloropropane	9.209	63	16950	21.694	ug/l	99
46) Dibromomethane	9.301	93	10794	21.313	ug/l	96
47) Bromodichloromethane	9.490	83	27211	21.508	ug/l	99
48) Methyl methacrylate	9.283	41	9172	19.726	ug/l #	88
49) 1,4-Dioxane	9.289	88	2793	470.470	ug/l #	87
51) 4-Methyl-2-Pentanone	10.063	43	56136	107.481	ug/l	93
52) Toluene	10.240	92	48472	20.326	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	22454	20.555	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	26805	20.917	ug/l #	84
55) 1,1,2-Trichloroethane	10.636	97	14611	22.783	ug/l #	95
56) Ethyl methacrylate	10.508	69	18004	21.324	ug/l #	86
57) 1,3-Dichloropropane	10.782	76	22969	21.605	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	42634	105.692	ug/l	98
59) 2-Hexanone	10.825	43	39632	108.464	ug/l	89
60) Dibromochloromethane	10.977	129	20302	23.040	ug/l	100
61) 1,2-Dibromoethane	11.081	107	13747	22.049	ug/l	98
64) Tetrachloroethene	10.715	164	21067	20.543	ug/l	94
65) Chlorobenzene	11.514	112	56241	21.043	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	20232	21.971	ug/l	95
67) Ethyl Benzene	11.587	91	94423	20.167	ug/l	99
68) m/p-Xylenes	11.697	106	74317	40.449	ug/l	98
69) o-Xylene	12.026	106	35818	20.736	ug/l	99
70) Styrene	12.038	104	59693	20.711	ug/l	97
71) Bromoform	12.203	173	11408	22.728	ug/l #	97
73) Isopropylbenzene	12.325	105	95046	20.527	ug/l	99
74) N-amyl acetate	12.142	43	18533	19.571	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.575	83	15366	21.051	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	12032m	24.281	ug/l	
77) Bromobenzene	12.605	156	22350	20.219	ug/l	95
78) n-propylbenzene	12.666	91	111948	20.359	ug/l	97
79) 2-Chlorotoluene	12.751	91	63729	20.612	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	77404	20.430	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	4365	19.715	ug/l #	83
82) 4-Chlorotoluene	12.849	91	65355	20.528	ug/l	98
83) tert-Butylbenzene	13.075	119	72526	20.735	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	76789	20.396	ug/l	100
85) sec-Butylbenzene	13.251	105	102864	20.719	ug/l	96
86) p-Isopropyltoluene	13.367	119	88107	20.556	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	45473	20.945	ug/l	97
88) 1,4-Dichlorobenzene	13.440	146	45249	21.029	ug/l	96
89) n-Butylbenzene	13.696	91	79410	20.436	ug/l	98
90) Hexachloroethane	13.959	117	17193	21.569	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	39979	21.318	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2521	21.314	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	24290	21.217	ug/l	98
94) Hexachlorobutadiene	15.111	225	14498	21.971	ug/l	96
95) Naphthalene	15.233	128	39133	19.926	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	19976	20.393	ug/l	98

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

