

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019241.D
 Acq On : 23 Aug 2024 01:03
 Operator : SY/MD
 Sample : VY0822SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0822SBS02

Quant Time: Aug 23 02:03:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	137674	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	232607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	187103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	94486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	71823	52.043	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.080%			
35) Dibromofluoromethane	7.628	113	71792	47.203	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.400%			
50) Toluene-d8	10.103	98	261738	47.821	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.640%			
62) 4-Bromofluorobenzene	12.408	95	69213	37.095	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 74.200%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	20330	20.127	ug/l	98
3) Chloromethane	2.068	50	29967	16.459	ug/l	98
4) Vinyl Chloride	2.202	62	34061	15.146	ug/l	99
5) Bromomethane	2.586	94	25693	14.515	ug/l	92
6) Chloroethane	2.732	64	22261	14.420	ug/l	99
7) Trichlorofluoromethane	3.049	101	48676	14.316	ug/l	94
8) Diethyl Ether	3.446	74	12084	16.465	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	29544	19.545	ug/l	98
10) Methyl Iodide	4.000	142	28216	19.044	ug/l	95
11) Tert butyl alcohol	4.836	59	20906	163.422	ug/l #	94
12) 1,1-Dichloroethene	3.787	96	27897	20.314	ug/l	97
13) Acrolein	3.647	56	9332	76.346	ug/l	95
14) Allyl chloride	4.372	41	40825	22.359	ug/l	93
15) Acrylonitrile	5.049	53	34202	113.895	ug/l	98
16) Acetone	3.860	43	26328	102.868	ug/l	95
17) Carbon Disulfide	4.098	76	73758	19.042	ug/l	97
18) Methyl Acetate	4.372	43	18242	23.223	ug/l	95
19) Methyl tert-butyl Ether	5.104	73	71850	21.580	ug/l	95
20) Methylene Chloride	4.610	84	45243	22.926	ug/l	90
21) trans-1,2-Dichloroethene	5.104	96	30532	19.900	ug/l	93
22) Diisopropyl ether	6.012	45	93415	22.349	ug/l	93
23) Vinyl Acetate	5.951	43	353580	106.846	ug/l	96
24) 1,1-Dichloroethane	5.915	63	53209	20.816	ug/l	95
25) 2-Butanone	6.878	43	43159	104.709	ug/l	93
26) 2,2-Dichloropropane	6.878	77	39268	18.970	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	38301	21.213	ug/l	97
28) Bromochloromethane	7.238	49	21979	20.498	ug/l	93
29) Tetrahydrofuran	7.256	42	28771	108.586	ug/l	89
30) Chloroform	7.415	83	61422	21.564	ug/l	99
31) Cyclohexane	7.695	56	43553	19.447	ug/l #	94
32) 1,1,1-Trichloroethane	7.616	97	53607	21.416	ug/l	100
36) 1,1-Dichloropropene	7.829	75	40773	19.523	ug/l	97
37) Ethyl Acetate	6.969	43	20436	22.086	ug/l	95
38) Carbon Tetrachloride	7.811	117	46931	19.390	ug/l	97
39) Methylcyclohexane	9.103	83	47336	17.662	ug/l	94
40) Benzene	8.073	78	127435	19.895	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	10440	20.672	ug/l	91
42) 1,2-Dichloroethane	8.152	62	35121	20.305	ug/l	96
43) Isopropyl Acetate	8.189	43	38378	20.508	ug/l #	83
44) Trichloroethene	8.859	130	33855	18.942	ug/l	95
45) 1,2-Dichloropropane	9.140	63	29428	20.621	ug/l	97
46) Dibromomethane	9.231	93	18112	19.567	ug/l	96
47) Bromodichloromethane	9.420	83	46061	20.283	ug/l #	99
48) Methyl methacrylate	9.219	41	18099	21.702	ug/l	86
49) 1,4-Dioxane	9.225	88	4370	389.737	ug/l #	92
51) 4-Methyl-2-Pentanone	9.999	43	102362	103.060	ug/l	92
52) Toluene	10.170	92	82352	19.586	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	37555	19.936	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	44186	19.504	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	24148	20.265	ug/l	92
56) Ethyl methacrylate	10.438	69	30122	19.313	ug/l #	87
57) 1,3-Dichloropropane	10.719	76	39651	20.413	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.707	63	73259	99.011	ug/l	99
59) 2-Hexanone	10.761	43	67753	99.291	ug/l	89
60) Dibromochloromethane	10.914	129	31718	19.543	ug/l	99
61) 1,2-Dibromoethane	11.018	107	21676	18.821	ug/l	96
64) Tetrachloroethene	10.646	164	34477	21.081	ug/l	97
65) Chlorobenzene	11.444	112	75621	17.552	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.517	131	27367	18.063	ug/l	97
67) Ethyl Benzene	11.524	91	129320	17.294	ug/l	99
68) m/p-Xylenes	11.627	106	115827	39.037	ug/l	99
69) o-Xylene	11.956	106	45127	16.424	ug/l	98
70) Styrene	11.969	104	77452	16.530	ug/l	99
71) Bromoform	12.133	173	14181	16.374	ug/l #	99
73) Isopropylbenzene	12.255	105	117835	16.271	ug/l	100
74) N-amyl acetate	12.072	43	24414	15.460	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	21402	16.600	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	16151m	17.333	ug/l	
77) Bromobenzene	12.536	156	28808	16.564	ug/l	96
78) n-propylbenzene	12.597	91	139871	16.157	ug/l	99
79) 2-Chlorotoluene	12.682	91	83127	17.127	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	100434	17.024	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	5575	14.776	ug/l	85
82) 4-Chlorotoluene	12.779	91	85666	16.965	ug/l	97
83) tert-Butylbenzene	12.999	119	96175	17.653	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	113373	19.281	ug/l	100
85) sec-Butylbenzene	13.176	105	156397	19.699	ug/l	100
86) p-Isopropyltoluene	13.292	119	127274	19.516	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	68727	20.037	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	67818	19.891	ug/l	96
89) n-Butylbenzene	13.621	91	114658	19.284	ug/l	99
90) Hexachloroethane	13.883	117	25557	19.883	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	61088	20.250	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	3609	19.028	ug/l	93
93) 1,2,4-Trichlorobenzene	14.925	180	30254	17.784	ug/l	98
94) Hexachlorobutadiene	15.023	225	17756	20.038	ug/l	98
95) Naphthalene	15.145	128	57142	18.821	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	27267	19.004	ug/l	99

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

