

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082924\
 Data File : VY019374.D
 Acq On : 29 Aug 2024 16:22
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 30 02:11:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:58:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/30/2024
 Supervised By :Semsettin Yesilyurt 08/30/2024

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	134818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	210806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	155738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	97717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	133833	104.806	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 209.620%#			
35) Dibromofluoromethane	7.628	113	132441	99.371	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 198.740%#			
50) Toluene-d8	10.103	98	521775	106.349	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 212.700%#			
62) 4-Bromofluorobenzene	12.408	95	177396	111.790	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 223.580%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	89153	81.156	ug/l	97
3) Chloromethane	2.068	50	153156	85.696	ug/l	99
4) Vinyl Chloride	2.202	62	175637	85.653	ug/l	99
5) Bromomethane	2.586	94	132458	105.117	ug/l	98
6) Chloroethane	2.726	64	112167	89.815	ug/l	99
7) Trichlorofluoromethane	3.043	101	231001	95.169	ug/l	98
8) Diethyl Ether	3.446	74	59122	103.130	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.799	101	118142	85.737	ug/l	96
10) Methyl Iodide	3.994	142	137899	102.666	ug/l	93
11) Tert butyl alcohol	4.848	59	36268	503.936	ug/l #	80
12) 1,1-Dichloroethene	3.781	96	114421	91.050	ug/l	94
13) Acrolein	3.641	56	41611	495.778	ug/l	99
14) Allyl chloride	4.372	41	166896	96.193	ug/l	89
15) Acrylonitrile	5.043	53	123927	529.156	ug/l	99
16) Acetone	3.860	43	125558	499.903	ug/l #	87
17) Carbon Disulfide	4.092	76	330945	91.221	ug/l	99
18) Methyl Acetate	4.372	43	55949	100.903	ug/l	96
19) Methyl tert-butyl Ether	5.104	73	298527	104.196	ug/l	98
20) Methylene Chloride	4.604	84	132419	105.815	ug/l	94
21) trans-1,2-Dichloroethene	5.104	96	133912	93.558	ug/l	99
22) Diisopropyl ether	6.006	45	408273	104.593	ug/l	96
23) Vinyl Acetate	5.945	43	1201982	553.250	ug/l	94
24) 1,1-Dichloroethane	5.903	63	219993	93.260	ug/l	99
25) 2-Butanone	6.878	43	182830	544.206	ug/l #	88
26) 2,2-Dichloropropane	6.878	77	192045	93.468	ug/l	99
27) cis-1,2-Dichloroethene	6.878	96	157813	96.293	ug/l	96
28) Bromochloromethane	7.238	49	97504	100.605	ug/l	95
29) Tetrahydrofuran	7.250	42	108871	539.341	ug/l	91
30) Chloroform	7.408	83	252780	95.725	ug/l	98
31) Cyclohexane	7.695	56	189792	87.399	ug/l	94
32) 1,1,1-Trichloroethane	7.610	97	232745	94.972	ug/l	98
36) 1,1-Dichloropropene	7.823	75	175702	93.286	ug/l	99
37) Ethyl Acetate	6.969	43	79289	106.351	ug/l	97
38) Carbon Tetrachloride	7.811	117	215449	93.854	ug/l	98
39) Methylcyclohexane	9.103	83	225260	93.265	ug/l	96
40) Benzene	8.073	78	552084	96.316	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.207	41	52417m	111.395	ug/l	
42) 1,2-Dichloroethane	8.152	62	152259	100.094	ug/l	96
43) Isopropyl Acetate	8.189	43	158355	108.838	ug/l #	80
44) Trichloroethene	8.859	130	145488	92.414	ug/l	99
45) 1,2-Dichloropropane	9.134	63	120245	96.792	ug/l	99
46) Dibromomethane	9.225	93	74165	99.245	ug/l	99
47) Bromodichloromethane	9.420	83	197225	99.933	ug/l	98
48) Methyl methacrylate	9.213	41	77077	112.050	ug/l	85
49) 1,4-Dioxane	9.225	88	17300	2113.069	ug/l #	93
51) 4-Methyl-2-Pentanone	9.993	43	425314	558.235	ug/l	93
52) Toluene	10.170	92	393289	104.660	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	177360	108.805	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	198165	102.669	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	88779	93.133	ug/l	95
56) Ethyl methacrylate	10.438	69	142421	115.008	ug/l #	82
57) 1,3-Dichloropropane	10.713	76	134835	86.586	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	327122	589.226	ug/l	98
59) 2-Hexanone	10.761	43	234411	463.963	ug/l	95
60) Dibromochloromethane	10.908	129	117646	90.523	ug/l	100
61) 1,2-Dibromoethane	11.011	107	83427	94.997	ug/l	100
64) Tetrachloroethene	10.646	164	140233	92.192	ug/l	98
65) Chlorobenzene	11.438	112	335016	96.150	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	122094	101.054	ug/l	96
67) Ethyl Benzene	11.517	91	592172	97.210	ug/l	97
68) m/p-Xylenes	11.627	106	443086	183.833	ug/l	99
69) o-Xylene	11.956	106	219930	97.964	ug/l	97
70) Styrene	11.969	104	375446	102.203	ug/l	98
71) Bromoform	12.133	173	73950	115.149	ug/l #	96
73) Isopropylbenzene	12.255	105	603239	77.421	ug/l	98
74) N-amyl acetate	12.072	43	125823	83.979	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.505	83	113578	98.081	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	84226m	97.854	ug/l	
77) Bromobenzene	12.529	156	168279	91.665	ug/l	98
78) n-propylbenzene	12.597	91	844548	89.709	ug/l	98
79) 2-Chlorotoluene	12.682	91	470616	89.728	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	574815	93.632	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	31651	91.251	ug/l	92
82) 4-Chlorotoluene	12.779	91	487213	91.827	ug/l	99
83) tert-Butylbenzene	12.999	119	527222	93.899	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	575037	97.564	ug/l	99
85) sec-Butylbenzene	13.176	105	761074	92.488	ug/l	98
86) p-Isopropyltoluene	13.292	119	643480	95.998	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	325907	96.503	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	316617	93.961	ug/l	99
89) n-Butylbenzene	13.615	91	581808	94.467	ug/l	99
90) Hexachloroethane	13.877	117	125328	92.232	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	282218	94.680	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	17232	106.063	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	168549	110.053	ug/l	98
94) Hexachlorobutadiene	15.023	225	90914	96.130	ug/l	99
95) Naphthalene	15.145	128	307271	122.530	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	142563	108.796	ug/l	99

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

