

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010422\
 Data File : VW021721.D
 Acq On : 03 Jan 2022 23:40
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/04/2022
 Supervised By :Semsettin Yesilyurt 01/04/2022

Quant Time: Jan 04 05:53:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W010422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 04 05:50:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	109068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	188474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	187494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	99949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	66091	62.891	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.780%			
35) Dibromofluoromethane	7.884	113	58760	50.278	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.560%			
50) Toluene-d8	10.323	98	241482	55.197	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.400%			
62) 4-Bromofluorobenzene	12.615	95	88973	54.603	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	8361	45.100	ug/l	100
3) Chloromethane	2.215	50	51301	74.239	ug/l	100
4) Vinyl Chloride	2.361	62	79186	67.713	ug/l	100
5) Bromomethane	2.776	94	95863	106.316	ug/l	100
6) Chloroethane	2.922	64	44214	89.374	ug/l	100
7) Trichlorofluoromethane	3.263	101	36626	73.435	ug/l	100
8) Diethyl Ether	3.684	74	24350	50.720	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.068	101	53142	55.405	ug/l	100
10) Methyl Iodide	4.275	142	75877	53.308	ug/l	100
11) Tert butyl alcohol	5.208	59	11700	142.112	ug/l	100
12) 1,1-Dichloroethene	4.044	96	50218	53.686	ug/l	100
13) Acrolein	3.903	56	13243	605.379	ug/l	100
14) Allyl chloride	4.678	41	79452	58.249	ug/l	100
15) Acrylonitrile	5.379	53	56045	268.610	ug/l	100
16) Acetone	4.135	43	55048	263.853	ug/l	100
17) Carbon Disulfide	4.385	76	149683	57.808	ug/l	100
18) Methyl Acetate	4.678	43	47243	61.895	ug/l	100
19) Methyl tert-butyl Ether	5.428	73	95735	58.670	ug/l	100
20) Methylene Chloride	4.915	84	66584	54.783	ug/l	100
21) trans-1,2-Dichloroethene	5.428	96	62825	58.192	ug/l	100
22) Diisopropyl ether	6.318	45	169671	60.243	ug/l	100
23) Vinyl Acetate	6.257	43	423715	265.198	ug/l	100
24) 1,1-Dichloroethane	6.220	63	111708	61.962	ug/l	100
25) 2-Butanone	7.177	43	77948	262.120	ug/l	100
26) 2,2-Dichloropropane	7.171	77	69453	55.054	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	70385	58.230	ug/l	100
28) Bromochloromethane	7.519	49	44836	59.517	ug/l	100
29) Tetrahydrofuran	7.537	42	45164	252.396	ug/l	100
30) Chloroform	7.677	83	122517	61.709	ug/l	100
31) Cyclohexane	7.958	56	95022	54.930	ug/l	100
32) 1,1,1-Trichloroethane	7.878	97	103309	61.566	ug/l	100
36) 1,1-Dichloropropene	8.086	75	92285	54.077	ug/l	100
37) Ethyl Acetate	7.256	43	30944	41.527	ug/l	100
38) Carbon Tetrachloride	8.073	117	92518	51.744	ug/l	100
39) Methylcyclohexane	9.335	83	114711	53.681	ug/l	100
40) Benzene	8.323	78	259943	53.365	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	19618	49.587	ug/l	100
42) 1,2-Dichloroethane	8.403	62	83305	56.146	ug/l	100
43) Isopropyl Acetate	8.427	43	64499	44.192	ug/l	100
44) Trichloroethene	9.092	130	69295	49.747	ug/l	100
45) 1,2-Dichloropropane	9.366	63	62394	55.603	ug/l	100
46) Dibromomethane	9.463	93	38511	54.335	ug/l	100
47) Bromodichloromethane	9.646	83	91285	54.507	ug/l	100
48) Methyl methacrylate	9.439	41	32874	49.384	ug/l	100
49) 1,4-Dioxane	9.470	88	7459	781.358	ug/l #	100
51) 4-Methyl-2-Pentanone	10.213	43	176272	233.829	ug/l	100
52) Toluene	10.390	92	179453	56.903	ug/l	100
53) t-1,3-Dichloropropene	10.610	75	85155	51.945	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	99452	53.196	ug/l	100
55) 1,1,2-Trichloroethane	10.786	97	51159	53.990	ug/l	100
56) Ethyl methacrylate	10.646	69	59956	50.550	ug/l	100
57) 1,3-Dichloropropane	10.933	76	86798	54.274	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	139340	233.111	ug/l	100
59) 2-Hexanone	10.969	43	126129	241.093	ug/l	100
60) Dibromochloromethane	11.128	129	60889	51.660	ug/l	100
61) 1,2-Dibromoethane	11.231	107	50324	54.016	ug/l	100
64) Tetrachloroethene	10.859	164	61716	45.523	ug/l	100
65) Chlorobenzene	11.658	112	196032	52.045	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	68319	49.357	ug/l	100
67) Ethyl Benzene	11.731	91	352010	52.902	ug/l	100
68) m/p-Xylenes	11.841	106	282506	105.145	ug/l	100
69) o-Xylene	12.164	106	133973	53.245	ug/l	100
70) Styrene	12.182	104	223885	53.152	ug/l	100
71) Bromoform	12.347	173	32381	41.733	ug/l	100
73) Isopropylbenzene	12.463	105	355503	51.571	ug/l	100
74) N-amyl acetate	12.274	43	58216	37.764	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.713	83	57353	48.496	ug/l	100
76) 1,2,3-Trichloropropane	12.768	75	45167m	50.482	ug/l	
77) Bromobenzene	12.743	156	81556	49.332	ug/l	100
78) n-propylbenzene	12.804	91	423778	52.134	ug/l	100
79) 2-Chlorotoluene	12.890	91	244310	52.131	ug/l	100
80) 1,3,5-Trimethylbenzene	12.938	105	310615	52.644	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	15201	41.417	ug/l	100
82) 4-Chlorotoluene	12.987	91	259884	52.216	ug/l	100
83) tert-Butylbenzene	13.201	119	271841	51.547	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	303518	52.260	ug/l	100
85) sec-Butylbenzene	13.383	105	398000	52.380	ug/l	100
86) p-Isopropyltoluene	13.499	119	334087	51.268	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	166811	49.668	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	167497	49.919	ug/l	100
89) n-Butylbenzene	13.822	91	306774	52.500	ug/l	100
90) Hexachloroethane	14.091	117	54643	45.430	ug/l	100
91) 1,2-Dichlorobenzene	13.865	146	149450	50.357	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.481	75	8750	43.437	ug/l	100
93) 1,2,4-Trichlorobenzene	15.127	180	82783	41.007	ug/l	100
94) Hexachlorobutadiene	15.231	225	47237	41.343	ug/l	100
95) Naphthalene	15.365	128	157809	42.151	ug/l	100
96) 1,2,3-Trichlorobenzene	15.548	180	73906	41.642	ug/l	100

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

