

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110121\
 Data File : VW020740.D
 Acq On : 01 Nov 2021 17:43
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW110121

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/02/2021
 Supervised By :Mahesh Dadoda 11/03/2021

Quant Time: Nov 02 04:56:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W110121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 02 04:55:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	40762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	59511	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	57476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	30454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	15117	47.099	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.200%		
35) Dibromofluoromethane	7.885	113	16956	44.831	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.660%		
50) Toluene-d8	10.323	98	62178	47.203	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.400%		
62) 4-Bromofluorobenzene	12.615	95	22027	47.458	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.008	85	6855	57.700	ug/l	91
3) Chloromethane	2.215	50	12821	53.329	ug/l	96
4) Vinyl Chloride	2.355	62	23647	50.868	ug/l	96
5) Bromomethane	2.763	94	19357	49.149	ug/l	92
6) Chloroethane	2.910	64	11025	55.030	ug/l	97
7) Trichlorofluoromethane	3.245	101	7638	49.540	ug/l	87
8) Diethyl Ether	3.684	74	7883	51.138	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.056	101	18388	50.200	ug/l	99
10) Methyl Iodide	4.269	142	23844	50.610	ug/l	99
11) Tert butyl alcohol	5.178	59	4408	279.544	ug/l #	91
12) 1,1-Dichloroethene	4.038	96	17719	51.834	ug/l	92
13) Acrolein	3.891	56	1457	255.280	ug/l	97
14) Allyl chloride	4.666	41	13030	49.509	ug/l	99
15) Acrylonitrile	5.367	53	14857	251.971	ug/l	93
16) Acetone	4.117	43	13613	226.183	ug/l	98
17) Carbon Disulfide	4.385	76	43556	50.601	ug/l	96
18) Methyl Acetate	4.666	43	9670	50.645	ug/l	100
19) Methyl tert-butyl Ether	5.428	73	21199	54.112	ug/l	99
20) Methylene Chloride	4.916	84	19116	52.510	ug/l	97
21) trans-1,2-Dichloroethene	5.422	96	19410	51.399	ug/l	95
22) Diisopropyl ether	6.312	45	35262	52.484	ug/l	96
23) Vinyl Acetate	6.257	43	99729	268.686	ug/l	98
24) 1,1-Dichloroethane	6.214	63	29033	50.175	ug/l	94
25) 2-Butanone	7.171	43	17822	252.502	ug/l	95
26) 2,2-Dichloropropane	7.165	77	17441	50.305	ug/l	95
27) cis-1,2-Dichloroethene	7.171	96	21574	52.077	ug/l	97
28) Bromochloromethane	7.513	49	11293	48.842	ug/l	94
29) Tetrahydrofuran	7.531	42	11052	265.326	ug/l	99
30) Chloroform	7.677	83	35243	49.007	ug/l	98
31) Cyclohexane	7.952	56	25006	52.520	ug/l	92
32) 1,1,1-Trichloroethane	7.872	97	28448	49.684	ug/l	98
36) 1,1-Dichloropropene	8.080	75	25944	54.170	ug/l	98
37) Ethyl Acetate	7.250	43	8240	54.744	ug/l	99
38) Carbon Tetrachloride	8.067	117	27145	52.934	ug/l	93
39) Methylcyclohexane	9.335	83	33431	57.858	ug/l	99
40) Benzene	8.323	78	74569	54.037	ug/l	93

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41) Methacrylonitrile	7.482	41	3649	44.045	ug/l #	86
42) 1,2-Dichloroethane	8.397	62	21060	53.430	ug/l	98
43) Isopropyl Acetate	8.427	43	15672	55.313	ug/l	99
44) Trichloroethene	9.092	130	21895	51.722	ug/l	88
45) 1,2-Dichloropropane	9.372	63	16255	54.450	ug/l	98
46) Dibromomethane	9.457	93	11462	54.428	ug/l	92
47) Bromodichloromethane	9.646	83	27109	55.034	ug/l	96
48) Methyl methacrylate	9.433	41	7323	56.847	ug/l	99
49) 1,4-Dioxane	9.445	88	3247	975.359	ug/l	96
51) 4-Methyl-2-Pentanone	10.207	43	42299	233.000	ug/l	100
52) Toluene	10.390	92	49859	55.657	ug/l	98
53) t-1,3-Dichloropropene	10.604	75	25401	56.133	ug/l	98
54) cis-1,3-Dichloropropene	10.073	75	28727	55.732	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	15686	54.109	ug/l	92
56) Ethyl methacrylate	10.646	69	17182	51.186	ug/l	98
57) 1,3-Dichloropropane	10.933	76	24509	53.731	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.921	63	37937	284.003	ug/l	99
59) 2-Hexanone	10.963	43	29964	235.335	ug/l	99
60) Dibromochloromethane	11.128	129	19912	55.126	ug/l	99
61) 1,2-Dibromoethane	11.231	107	15666	54.331	ug/l	96
64) Tetrachloroethene	10.866	164	19168	51.098	ug/l	96
65) Chlorobenzene	11.652	112	55569	51.510	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.731	131	21228	53.389	ug/l	98
67) Ethyl Benzene	11.731	91	98345	54.667	ug/l	99
68) m/p-Xylenes	11.835	106	79952	110.065	ug/l	98
69) o-Xylene	12.164	106	36748	54.181	ug/l	99
70) Styrene	12.183	104	63117	55.065	ug/l	98
71) Bromoform	12.347	173	12211	54.340	ug/l #	99
73) Isopropylbenzene	12.463	105	102502	57.154	ug/l	99
74) N-amyl acetate	12.268	43	16287	52.498	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.713	83	18397	54.379	ug/l	100
76) 1,2,3-Trichloropropane	12.768	75	13144m	55.735	ug/l	
77) Bromobenzene	12.743	156	23839	52.500	ug/l	94
78) n-propylbenzene	12.804	91	124030	57.317	ug/l	99
79) 2-Chlorotoluene	12.890	91	69753	56.882	ug/l	97
80) 1,3,5-Trimethylbenzene	12.938	105	88462	57.355	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	5505	52.140	ug/l	98
82) 4-Chlorotoluene	12.987	91	72219	56.316	ug/l	95
83) tert-Butylbenzene	13.207	119	76168	56.715	ug/l	96
84) 1,2,4-Trimethylbenzene	13.249	105	89646	59.244	ug/l	98
85) sec-Butylbenzene	13.384	105	115339	56.980	ug/l	98
86) p-Isopropyltoluene	13.493	119	98142	57.646	ug/l	99
87) 1,3-Dichlorobenzene	13.493	146	51168	53.935	ug/l	98
88) 1,4-Dichlorobenzene	13.573	146	51539	55.047	ug/l	95
89) n-Butylbenzene	13.822	91	92470	58.301	ug/l	99
90) Hexachloroethane	14.091	117	18473	55.185	ug/l	95
91) 1,2-Dichlorobenzene	13.871	146	43913	52.756	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.481	75	2911	54.540	ug/l	94
93) 1,2,4-Trichlorobenzene	15.127	180	29359	55.886	ug/l	96
94) Hexachlorobutadiene	15.225	225	14887	52.184	ug/l	93
95) Naphthalene	15.365	128	56655	52.982	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	27493	59.908	ug/l	96

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

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