

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111021\
 Data File : VW020828.D
 Acq On : 10 Nov 2021 11:38
 Operator : SY/VA
 Sample : VSTDIC020
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/11/2021
 Supervised By :Mahesh Dadoda 11/17/2021

Quant Time: Nov 11 01:38:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111021S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 11 01:36:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.946	168	87320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	124238	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	111503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	59587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	13553	13.702	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	27.400%#		
35) Dibromofluoromethane	7.885	113	13432	15.845	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	31.680%#		
50) Toluene-d8	10.323	98	50404	15.634	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	31.260%#		
62) 4-Bromofluorobenzene	12.615	95	18568	15.582	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	31.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	3043	11.877	ug/l	98
3) Chloromethane	2.215	50	9022	14.757	ug/l	99
4) Vinyl Chloride	2.355	62	13813	17.901	ug/l	98
5) Bromomethane	2.757	94	9380	20.048	ug/l	99
6) Chloroethane	2.910	64	5693	17.791	ug/l	96
7) Trichlorofluoromethane	3.251	101	6810	15.722	ug/l	96
8) Diethyl Ether	3.684	74	5287	12.372	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.062	101	12082	13.769	ug/l	97
10) Methyl Iodide	4.269	142	17233	16.312	ug/l	99
11) Tert butyl alcohol	5.172	59	4414	78.425	ug/l #	85
12) 1,1-Dichloroethene	4.038	96	11923	14.471	ug/l	95
13) Acrolein	3.891	56	2301	84.817	ug/l	91
14) Allyl chloride	4.666	41	17266	13.377	ug/l	94
15) Acrylonitrile	5.367	53	14340	67.225	ug/l	98
16) Acetone	4.123	43	13227	56.534	ug/l	94
17) Carbon Disulfide	4.379	76	32229	13.832	ug/l	99
18) Methyl Acetate	4.672	43	10797	14.729	ug/l	100
19) Methyl tert-butyl Ether	5.428	73	16797	12.412	ug/l	93
20) Methylene Chloride	4.909	84	13793	12.922	ug/l	94
21) trans-1,2-Dichloroethene	5.422	96	12526	13.752	ug/l	93
22) Diisopropyl ether	6.312	45	32488	12.288	ug/l	98
23) Vinyl Acetate	6.257	43	98092	64.952	ug/l	98
24) 1,1-Dichloroethane	6.214	63	21569	12.733	ug/l	95
25) 2-Butanone	7.171	43	19434	66.408	ug/l	98
26) 2,2-Dichloropropane	7.165	77	14537	13.468	ug/l	98
27) cis-1,2-Dichloroethene	7.165	96	13880	13.762	ug/l	94
28) Bromochloromethane	7.513	49	10577	14.900	ug/l #	94
29) Tetrahydrofuran	7.531	42	13016	72.514	ug/l	99
30) Chloroform	7.677	83	22145	12.588	ug/l	98
31) Cyclohexane	7.952	56	23085	13.950	ug/l	96
32) 1,1,1-Trichloroethane	7.866	97	19968	13.836	ug/l	97
36) 1,1-Dichloropropene	8.080	75	18460	13.996	ug/l	97
37) Ethyl Acetate	7.251	43	8232	13.532	ug/l	98
38) Carbon Tetrachloride	8.067	117	19072	14.635	ug/l	90
39) Methylcyclohexane	9.336	83	24075	15.405	ug/l	95
40) Benzene	8.324	78	50515	13.541	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	4670	13.411	ug/l #	85
42) 1,2-Dichloroethane	8.403	62	14592	12.649	ug/l	98
43) Isopropyl Acetate	8.427	43	16372	14.296	ug/l	99
44) Trichloroethene	9.092	130	14986	15.067	ug/l	92
45) 1,2-Dichloropropane	9.366	63	11440	12.898	ug/l	96
46) Dibromomethane	9.457	93	6909	13.941	ug/l	99
47) Bromodichloromethane	9.646	83	16402	13.232	ug/l	98
48) Methyl methacrylate	9.433	41	8047	14.837	ug/l	98
49) 1,4-Dioxane	9.451	88	2071	321.209	ug/l	93
51) 4-Methyl-2-Pentanone	10.207	43	42815	70.630	ug/l	100
52) Toluene	10.384	92	32621	14.059	ug/l	100
53) t-1,3-Dichloropropene	10.604	75	16797	13.501	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	18975	13.379	ug/l	97
55) 1,1,2-Trichloroethane	10.786	97	9289	13.564	ug/l	95
56) Ethyl methacrylate	10.646	69	12189	13.933	ug/l	98
57) 1,3-Dichloropropane	10.933	76	15680	13.097	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	40104	96.573	ug/l	95
59) 2-Hexanone	10.969	43	30905	71.271	ug/l	99
60) Dibromochloromethane	11.128	129	12170	14.764	ug/l	96
61) 1,2-Dibromoethane	11.232	107	9332	14.121	ug/l	95
64) Tetrachloroethene	10.866	164	13088	15.320	ug/l	88
65) Chlorobenzene	11.658	112	34980	14.298	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.731	131	12596	14.309	ug/l	98
67) Ethyl Benzene	11.731	91	62947	14.322	ug/l	98
68) m/p-Xylenes	11.841	106	50577	29.694	ug/l	94
69) o-Xylene	12.164	106	23766	15.150	ug/l	88
70) Styrene	12.183	104	38592	14.214	ug/l	98
71) Bromoform	12.353	173	7785	15.369	ug/l #	100
73) Isopropylbenzene	12.463	105	65160	15.030	ug/l	97
74) N-amyl acetate	12.268	43	15246	14.542	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	11226	13.881	ug/l	96
76) 1,2,3-Trichloropropane	12.762	75	9125m	14.485	ug/l	
77) Bromobenzene	12.743	156	15266	14.586	ug/l	93
78) n-propylbenzene	12.804	91	79188	14.811	ug/l	98
79) 2-Chlorotoluene	12.890	91	43108	14.034	ug/l	94
80) 1,3,5-Trimethylbenzene	12.939	105	54831	14.653	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	3843	14.767	ug/l	97
82) 4-Chlorotoluene	12.987	91	45652	14.128	ug/l	97
83) tert-Butylbenzene	13.201	119	51020	15.683	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	53747	14.519	ug/l	98
85) sec-Butylbenzene	13.377	105	73772	15.318	ug/l	95
86) p-Isopropyltoluene	13.493	119	63062	15.294	ug/l	99
87) 1,3-Dichlorobenzene	13.493	146	31825	14.994	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	31886	15.237	ug/l	99
89) n-Butylbenzene	13.823	91	57349	14.877	ug/l	97
90) Hexachloroethane	14.091	117	11927	16.195	ug/l	98
91) 1,2-Dichlorobenzene	13.865	146	26875	14.487	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	2280	15.490	ug/l	90
93) 1,2,4-Trichlorobenzene	15.127	180	20305	15.528	ug/l	97
94) Hexachlorobutadiene	15.231	225	13321	16.087	ug/l	98
95) Naphthalene	15.359	128	38195	17.057	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	17127	15.127	ug/l	99

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

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