

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111021\
 Data File : VW020829.D
 Acq On : 10 Nov 2021 12:02
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Nov 11 01:39:07 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	7.951	168	82551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	117168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	102326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	56722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	35003	37.433	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	74.860%		
35) Dibromofluoromethane	7.884	113	34668	43.363	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.720%		
50) Toluene-d8	10.323	98	136729	44.968	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.940%		
62) 4-Bromofluorobenzene	12.615	95	48667	43.305	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	86.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.007	85	7243	29.902	ug/l	99
3) Chloromethane	2.209	50	22835	39.509	ug/l	98
4) Vinyl Chloride	2.355	62	35165	48.204	ug/l	96
5) Bromomethane	2.763	94	22067	49.890	ug/l	96
6) Chloroethane	2.910	64	14992	49.557	ug/l	94
7) Trichlorofluoromethane	3.251	101	18852	46.037	ug/l	88
8) Diethyl Ether	3.684	74	14568	36.061	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.056	101	33155	39.969	ug/l	98
10) Methyl Iodide	4.269	142	47158	47.215	ug/l	97
11) Tert butyl alcohol	5.178	59	12476	234.472	ug/l #	83
12) 1,1-Dichloroethene	4.038	96	31510	40.455	ug/l	95
13) Acrolein	3.897	56	5026	195.966	ug/l	96
14) Allyl chloride	4.665	41	46122	37.798	ug/l	95
15) Acrylonitrile	5.367	53	43200	214.218	ug/l	100
16) Acetone	4.123	43	45101	203.904	ug/l	99
17) Carbon Disulfide	4.379	76	81405	36.955	ug/l	99
18) Methyl Acetate	4.672	43	30199	43.576	ug/l	98
19) Methyl tert-butyl Ether	5.428	73	45853	35.841	ug/l	93
20) Methylene Chloride	4.915	84	31569	31.285	ug/l	99
21) trans-1,2-Dichloroethene	5.421	96	34130	39.637	ug/l	95
22) Diisopropyl ether	6.312	45	87534	35.021	ug/l	97
23) Vinyl Acetate	6.257	43	278886	195.334	ug/l	99
24) 1,1-Dichloroethane	6.214	63	57822	36.106	ug/l	98
25) 2-Butanone	7.171	43	61977	224.015	ug/l	97
26) 2,2-Dichloropropane	7.171	77	39419	38.629	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	37156	38.968	ug/l	94
28) Bromochloromethane	7.513	49	27024	40.269	ug/l #	90
29) Tetrahydrofuran	7.531	42	37630	221.755	ug/l	99
30) Chloroform	7.677	83	61458	36.954	ug/l	96
31) Cyclohexane	7.958	56	58170	37.182	ug/l	98
32) 1,1,1-Trichloroethane	7.872	97	53661	39.330	ug/l	97
36) 1,1-Dichloropropene	8.079	75	48987	39.381	ug/l	97
37) Ethyl Acetate	7.250	43	24852	43.317	ug/l	100
38) Carbon Tetrachloride	8.067	117	54113	44.031	ug/l	90
39) Methylcyclohexane	9.335	83	65306	44.309	ug/l	94
40) Benzene	8.323	78	131434	37.358	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	14636	44.567	ug/l	90
42) 1,2-Dichloroethane	8.397	62	39697	36.487	ug/l	99
43) Isopropyl Acetate	8.421	43	48541	44.943	ug/l	99
44) Trichloroethene	9.092	130	40797	43.494	ug/l	100
45) 1,2-Dichloropropane	9.366	63	30994	37.054	ug/l	98
46) Dibromomethane	9.457	93	19350	41.401	ug/l	99
47) Bromodichloromethane	9.646	83	46176	39.500	ug/l	96
48) Methyl methacrylate	9.433	41	22748	44.474	ug/l	98
49) 1,4-Dioxane	9.451	88	6053	995.460	ug/l	94
51) 4-Methyl-2-Pentanone	10.207	43	129812	227.066	ug/l	100
52) Toluene	10.390	92	89223	40.773	ug/l	100
53) t-1,3-Dichloropropene	10.603	75	47748	40.694	ug/l	96
54) cis-1,3-Dichloropropene	10.073	75	52462	39.223	ug/l	96
55) 1,1,2-Trichloroethane	10.786	97	25670	39.745	ug/l	99
56) Ethyl methacrylate	10.646	69	36350	44.058	ug/l	95
57) 1,3-Dichloropropane	10.933	76	44018	38.987	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.921	63	98169	250.660	ug/l	96
59) 2-Hexanone	10.969	43	96335	235.567	ug/l	100
60) Dibromochloromethane	11.128	129	33932	43.650	ug/l	99
61) 1,2-Dibromoethane	11.231	107	26658	42.772	ug/l	98
64) Tetrachloroethene	10.860	164	34350	43.815	ug/l	94
65) Chlorobenzene	11.658	112	95906	42.718	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.731	131	35738	44.240	ug/l	98
67) Ethyl Benzene	11.731	91	176306	43.710	ug/l	97
68) m/p-Xylenes	11.835	106	139333	89.139	ug/l	95
69) o-Xylene	12.164	106	65096	45.217	ug/l	94
70) Styrene	12.176	104	110579	44.380	ug/l	99
71) Bromoform	12.353	173	23032	49.548	ug/l #	98
73) Isopropylbenzene	12.463	105	181864	44.067	ug/l	97
74) N-amyl acetate	12.268	43	45431	45.523	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	34308	44.564	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	23319m	38.886	ug/l	
77) Bromobenzene	12.749	156	41196	41.349	ug/l	96
78) n-propylbenzene	12.804	91	220339	43.292	ug/l	99
79) 2-Chlorotoluene	12.890	91	121157	41.437	ug/l	96
80) 1,3,5-Trimethylbenzene	12.944	105	151905	42.646	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	12077	48.750	ug/l	94
82) 4-Chlorotoluene	12.987	91	125383	40.761	ug/l	97
83) tert-Butylbenzene	13.201	119	140412	45.342	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	148780	42.222	ug/l	98
85) sec-Butylbenzene	13.383	105	201699	43.997	ug/l	95
86) p-Isopropyltoluene	13.493	119	174650	44.496	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	85170	42.154	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	84740	42.538	ug/l	100
89) n-Butylbenzene	13.822	91	165044	44.977	ug/l	99
90) Hexachloroethane	14.091	117	32931	46.973	ug/l	99
91) 1,2-Dichlorobenzene	13.871	146	70694	40.032	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	6991	49.895	ug/l	94
93) 1,2,4-Trichlorobenzene	15.127	180	52353	42.058	ug/l	96
94) Hexachlorobutadiene	15.231	225	34820	44.174	ug/l	98
95) Naphthalene	15.365	128	109770	51.498	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	46281	42.942	ug/l	95

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

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