

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111721\
 Data File : VW020907.D
 Acq On : 17 Nov 2021 15:45
 Operator : SY/VA
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Vimala
 Arumugam

Quant Time: Nov 18 04:59:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 04:58:31 2021
 Response via : Initial Calibration

11/18/2021
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	83344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	124100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.627	117	112223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	59881	50.000	ug/l	0.00

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System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.305	65	3954	5.122	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.240%#
35) Dibromofluoromethane	7.884	113	4057	5.212	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.420%#
50) Toluene-d8	10.323	98	14628	5.124	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	10.240%#
62) 4-Bromofluorobenzene	12.615	95	5640	5.297	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	10.600%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.013	85	485	3.200	ug/l	88
3) Chloromethane	2.208	50	2297	4.788	ug/l	93
4) Vinyl Chloride	2.355	62	4158	4.922	ug/l	99
5) Bromomethane	2.763	94	2547	4.684	ug/l	96
6) Chloroethane	2.916	64	1492	4.582	ug/l	95
7) Trichlorofluoromethane	3.257	101	1849	5.277	ug/l	99
8) Diethyl Ether	3.678	74	1764	4.793	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.062	101	3531	4.885	ug/l	97
10) Methyl Iodide	4.275	142	5063	4.644	ug/l	98
11) Tert butyl alcohol	5.183	59	1741	23.302	ug/l #	92
12) 1,1-Dichloroethene	4.043	96	3519	4.968	ug/l	85
13) Acrolein	3.903	56	213	18.105	ug/l	87
14) Allyl chloride	4.671	41	4955	4.872	ug/l	98
15) Acrylonitrile	5.379	53	3767	23.659	ug/l	99
16) Acetone	4.129	43	4380	27.293	ug/l #	87
17) Carbon Disulfide	4.385	76	9144	4.698	ug/l	100
18) Methyl Acetate	4.677	43	2980	5.322	ug/l	95
19) Methyl tert-butyl Ether	5.433	73	5916	4.847	ug/l	98
20) Methylene Chloride	4.909	84	6033	6.731	ug/l	98
21) trans-1,2-Dichloroethene	5.427	96	3834	4.755	ug/l	94
22) Diisopropyl ether	6.311	45	9831	4.712	ug/l #	94
23) Vinyl Acetate	6.256	43	27354	22.403	ug/l	100
24) 1,1-Dichloroethane	6.214	63	6301	4.747	ug/l #	94
25) 2-Butanone	7.177	43	5826	25.561	ug/l	92
26) 2,2-Dichloropropane	7.159	77	5379	5.711	ug/l	92
27) cis-1,2-Dichloroethene	7.171	96	4415	4.901	ug/l	92
28) Bromochloromethane	7.506	49	2660	4.735	ug/l #	96
29) Tetrahydrofuran	7.543	42	3316	23.990	ug/l	97
30) Chloroform	7.677	83	7220	4.944	ug/l	93
31) Cyclohexane	7.951	56	7727	6.000	ug/l #	84
32) 1,1,1-Trichloroethane	7.872	97	5979	4.849	ug/l	99
36) 1,1-Dichloropropene	8.085	75	5422	4.863	ug/l	99
37) Ethyl Acetate	7.262	43	2564	5.042	ug/l #	74
38) Carbon Tetrachloride	8.067	117	5569	4.696	ug/l	87
39) Methylcyclohexane	9.335	83	6816	4.869	ug/l	96
40) Benzene	8.323	78	16413	5.163	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.482	41	1124	4.145	ug/l	#	80
42) 1,2-Dichloroethane	8.402	62	4539	4.707	ug/l		96
43) Isopropyl Acetate	8.421	43	4680	4.689	ug/l		96
44) Trichloroethene	9.091	130	4396	4.740	ug/l		97
45) 1,2-Dichloropropane	9.366	63	3455	4.720	ug/l		90
46) Dibromomethane	9.463	93	2199	4.741	ug/l		96
47) Bromodichloromethane	9.646	83	5063	4.614	ug/l		96
48) Methyl methacrylate	9.439	41	1988	4.478	ug/l		96
49) 1,4-Dioxane	9.451	88	652	97.556	ug/l		94
51) 4-Methyl-2-Pentanone	10.213	43	12254	24.116	ug/l		99
52) Toluene	10.390	92	9654	4.725	ug/l		98
53) t-1,3-Dichloropropene	10.603	75	4783	4.390	ug/l		95
54) cis-1,3-Dichloropropene	10.073	75	5537	4.491	ug/l		97
55) 1,1,2-Trichloroethane	10.786	97	3069	4.935	ug/l		93
56) Ethyl methacrylate	10.646	69	3612	4.562	ug/l		99
57) 1,3-Dichloropropane	10.932	76	5016	4.791	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.927	63	9561	23.993	ug/l		100
59) 2-Hexanone	10.969	43	8116	22.961	ug/l		97
60) Dibromochloromethane	11.128	129	3510	4.477	ug/l		98
61) 1,2-Dibromoethane	11.237	107	2698	4.373	ug/l		91
64) Tetrachloroethene	10.859	164	3898	4.675	ug/l		94
65) Chlorobenzene	11.658	112	11204	4.966	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.731	131	4010	4.780	ug/l		99
67) Ethyl Benzene	11.725	91	18695	4.722	ug/l		92
68) m/p-Xylenes	11.841	106	15331	9.577	ug/l		97
69) o-Xylene	12.164	106	7031	4.684	ug/l		94
70) Styrene	12.182	104	11840	4.697	ug/l		100
71) Bromoform	12.347	173	2138	4.409	ug/l	#	93
73) Isopropylbenzene	12.463	105	18723	4.576	ug/l		98
74) N-amyl acetate	12.274	43	4359	4.472	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.713	83	3224	4.516	ug/l		97
76) 1,2,3-Trichloropropane	12.767	75	2719m	5.054	ug/l		
77) Bromobenzene	12.743	156	4859	4.889	ug/l		91
78) n-propylbenzene	12.804	91	22378	4.643	ug/l		98
79) 2-Chlorotoluene	12.889	91	13207	4.741	ug/l		97
80) 1,3,5-Trimethylbenzene	12.944	105	16255	4.632	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.517	75	999	4.368	ug/l		94
82) 4-Chlorotoluene	12.987	91	14079	4.766	ug/l		100
83) tert-Butylbenzene	13.206	119	14478	4.616	ug/l		99
84) 1,2,4-Trimethylbenzene	13.249	105	16058	4.634	ug/l		100
85) sec-Butylbenzene	13.383	105	20855	4.621	ug/l		98
86) p-Isopropyltoluene	13.493	119	18111	4.655	ug/l		99
87) 1,3-Dichlorobenzene	13.499	146	9606	4.769	ug/l		96
88) 1,4-Dichlorobenzene	13.578	146	9426	4.657	ug/l		90
89) n-Butylbenzene	13.822	91	15923	4.558	ug/l		99
90) Hexachloroethane	14.090	117	3341	4.559	ug/l		88
91) 1,2-Dichlorobenzene	13.865	146	8368	4.728	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.487	75	534	4.260	ug/l		91
93) 1,2,4-Trichlorobenzene	15.127	180	6090	4.829	ug/l		97
94) Hexachlorobutadiene	15.230	225	3105	4.342	ug/l		97
95) Naphthalene	15.358	128	10884	4.657	ug/l		98
96) 1,2,3-Trichlorobenzene	15.554	180	5295	4.762	ug/l		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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