

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120821\
 Data File : VW021231.D
 Acq On : 08 Dec 2021 15:43
 Operator : SY/VA
 Sample : M4886-12REMS
 Misc : 3.25g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EX892REMS

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/09/2021
 Supervised By : Mahesh Dadoda 12/14/2021

Quant Time: Dec 08 23:02:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 08 22:58:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	67134	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	58753	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	27884	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	18832	20.134	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.520%
7) Chloroethane-d5	2.885	69	15612	24.933	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.720%
11) 1,1-Dichloroethene-d2	4.025	63	31058	20.785	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.120%
21) 2-Butanone-d5	7.080	46	7535	35.318	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.640%
24) Chloroform-d	7.647	84	33986	20.214	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.840%
26) 1,2-Dichloroethane-d4	8.305	65	17146	18.641	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.560%
32) Benzene-d6	8.275	84	62868	20.927	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.720%
36) 1,2-Dichloropropane-d6	9.274	67	17193	20.595	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.360%
41) Toluene-d8	10.323	98	59893	19.444	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.760%
43) trans-1,3-Dichloroprop...	10.579	79	6226	16.424	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.680%
47) 2-Hexanone-d5	10.921	63	5792	36.262	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.520%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	14876	19.261	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.040%
66) 1,2-Dichlorobenzene-d4	13.847	152	19123	19.141	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.560%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	3312	10.100	ug/L	99
3) Chloromethane	2.221	50	16514	22.495	ug/L	100
5) Vinyl chloride	2.361	62	26347	20.659	ug/L	99
6) Bromomethane	2.782	94	16940	19.977	ug/L	98
8) Chloroethane	2.922	64	14027	26.391	ug/L	95
9) Trichlorofluoromethane	3.257	101	19706	32.001	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	19049	19.763	ug/L	91
12) 1,1-Dichloroethene	4.044	96	16408	18.830	ug/L	81
13) Acetone	4.129	43	7201	37.053	ug/L	82
14) Carbon disulfide	4.385	76	37358	15.445	ug/L	99
15) Methyl Acetate	4.672	43	5986m	16.987	ug/L	
16) Methylene chloride	4.922	84	20121	19.024	ug/L	83
17) trans-1,2-Dichloroethene	5.428	96	16775	18.080	ug/L	85
18) Methyl tert-butyl Ether	5.428	73	30385	21.698	ug/L	94
19) 1,1-Dichloroethane	6.220	63	28792	19.570	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	18454	18.748	ug/L	76
22) 2-Butanone	7.177	43	8383	31.170	ug/L	89
23) Bromochloromethane	7.519	128	8831	19.175	ug/L	# 66
25) Chloroform	7.677	83	32477	19.665	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	20542	19.015	ug/L	96
29) Cyclohexane	7.958	56	25231	19.466	ug/L #	81
30) 1,1,1-Trichloroethane	7.878	97	30214	22.056	ug/L	95
31) Carbon tetrachloride	8.073	117	26780	21.038	ug/L	98
33) Benzene	8.323	78	68473	20.494	ug/L	100
34) Trichloroethene	9.092	95	18558	20.134	ug/L	93
35) Methylcyclohexane	9.335	83	27334	17.618	ug/L #	84
37) 1,2-Dichloropropane	9.372	63	15456	20.468	ug/L #	95
38) Bromodichloromethane	9.646	83	21486	20.241	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	22732	18.611	ug/L	94
40) 4-Methyl-2-pentanone	10.213	43	18026	35.041	ug/L #	91
42) Toluene	10.390	91	76561	20.062	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	19056	17.244	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	12876	20.338	ug/L	90
46) Tetrachloroethene	10.860	164	16941	20.071	ug/L	94
48) 2-Hexanone	10.969	43	13473	36.305	ug/L #	97
49) Dibromochloromethane	11.128	129	14728	18.613	ug/L	97
50) 1,2-Dibromoethane	11.231	107	12146	18.813	ug/L	97
51) Chlorobenzene	11.658	112	47674	18.696	ug/L #	87
52) Ethylbenzene	11.731	91	80093	18.643	ug/L	94
53) m,p-Xylene	11.841	106	33228	18.697	ug/L	95
54) o-Xylene	12.164	106	31871	19.020	ug/L	94
55) Styrene	12.182	104	50442	17.669	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.713	83	14090	18.503	ug/L #	98
59) Bromoform	12.347	173	7462	18.765	ug/L #	97
60) Isopropylbenzene	12.463	105	85843	22.152	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	10544	22.573	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.945	105	69789	21.505	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	67245	20.602	ug/L	95
64) 1,3-Dichlorobenzene	13.493	146	34334	18.816	ug/L	92
65) 1,4-Dichlorobenzene	13.572	146	32809	17.791	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	31794	19.570	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	1873	17.758	ug/L #	62
69) 1,3,5-Trichlorobenzene	14.627	180	20353	15.177	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	13468	12.222	ug/L	98
71) Naphthalene	15.365	128	31375	15.316	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	12459	12.955	ug/L	99

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

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