

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120921\
 Data File : VW021251.D
 Acq On : 09 Dec 2021 19:23
 Operator : SY/VA
 Sample : M4885-19MSD
 Misc : 5.66g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9M4MSD

Quant Time: Dec 10 00:32:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 00:28:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	110381	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	109227	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	62974	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	43367	21.572	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.280%
7) Chloroethane-d5	2.885	69	28362	21.341	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.360%
11) 1,1-Dichloroethene-d2	4.019	63	54485	20.329	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.320%
21) 2-Butanone-d5	7.074	46	13469	47.530	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.060%
24) Chloroform-d	7.647	84	60195	19.569	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.280%
26) 1,2-Dichloroethane-d4	8.305	65	32626	19.939	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.760%
32) Benzene-d6	8.275	84	113810	19.009	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.040%
36) 1,2-Dichloropropane-d6	9.274	67	31349	19.524	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.080%
41) Toluene-d8	10.323	98	115620	18.901	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.600%
43) trans-1,3-Dichloroprop...	10.579	79	15761	21.318	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.280%
47) 2-Hexanone-d5	10.920	63	11385	47.950	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.900%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	30792	22.308	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.240%
66) 1,2-Dichlorobenzene-d4	13.853	152	46280	18.963	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	11134	26.106	ug/L	100
3) Chloromethane	2.215	50	30559	21.643	ug/L	100
5) Vinyl chloride	2.361	62	50293	22.690	ug/L	97
6) Bromomethane	2.776	94	31404	21.843	ug/L	94
8) Chloroethane	2.922	64	23443	22.957	ug/L	100
9) Trichlorofluoromethane	3.257	101	23062	19.719	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	32902	21.587	ug/L	91
12) 1,1-Dichloroethene	4.037	96	29250	21.378	ug/L	84
13) Acetone	4.123	43	12100	47.631	ug/L	92
14) Carbon disulfide	4.385	76	77573	21.955	ug/L	99
15) Methyl Acetate	4.672	43	11605	26.476	ug/L	# 86
16) Methylene chloride	4.915	84	32429	17.780	ug/L	82
17) trans-1,2-Dichloroethene	5.427	96	32175	21.719	ug/L	83
18) Methyl tert-butyl Ether	5.427	73	49970	24.423	ug/L	94
19) 1,1-Dichloroethane	6.220	63	51418	22.118	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	34262	21.927	ug/L	70
22) 2-Butanone	7.171	43	17242	51.972	ug/L	86
23) Bromochloromethane	7.512	128	16990	23.254	ug/L	# 65
25) Chloroform	7.677	83	58509	21.681	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	39943	23.373	ug/L	98
29) Cyclohexane	7.957	56	44549	20.491	ug/L #	80
30) 1,1,1-Trichloroethane	7.872	97	52155	21.281	ug/L	94
31) Carbon tetrachloride	8.067	117	48042	21.250	ug/L	100
33) Benzene	8.323	78	124717	20.960	ug/L	100
34) Trichloroethene	9.091	95	36302	21.734	ug/L	92
35) Methylcyclohexane	9.335	83	55091	19.995	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	29099	21.925	ug/L #	95
38) Bromodichloromethane	9.646	83	41502	22.743	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	46562	22.255	ug/L	96
40) 4-Methyl-2-pentanone	10.207	43	37458	51.797	ug/L #	91
42) Toluene	10.390	91	155162	22.297	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	45469	24.813	ug/L	93
45) 1,1,2-Trichloroethane	10.786	97	26255	24.169	ug/L	96
46) Tetrachloroethene	10.859	164	189217	119.250	ug/L	94
48) 2-Hexanone	10.969	43	29403	56.066	ug/L #	94
49) Dibromochloromethane	11.128	129	32715	24.429	ug/L	98
50) 1,2-Dibromoethane	11.237	107	25904	23.961	ug/L #	95
51) Chlorobenzene	11.658	112	100138	21.493	ug/L	94
52) Ethylbenzene	11.731	91	170095	21.389	ug/L	100
53) m,p-Xylene	11.841	106	69662	21.715	ug/L	89
54) o-Xylene	12.164	106	66911	21.977	ug/L	98
55) Styrene	12.182	104	110195	21.266	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	32016	25.710	ug/L #	98
59) Bromoform	12.347	173	18880	25.197	ug/L #	96
60) Isopropylbenzene	12.463	105	179511	20.978	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	23699	25.858	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.938	105	149353	20.511	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	152084	21.173	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	79912	19.799	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	81867	20.415	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	75838	21.343	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	4946	26.163	ug/L #	76
69) 1,3,5-Trichlorobenzene	14.627	180	60445	20.037	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	47287	19.489	ug/L	96
71) Naphthalene	15.365	128	90142	22.867	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	40124	20.009	ug/L	97

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

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