

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120921\
 Data File : VW021250.D
 Acq On : 09 Dec 2021 18:59
 Operator : SY/VA
 Sample : M4885-18MS
 Misc : 5.80g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9M4MS

Quant Time: Dec 10 00:32:08 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	8.842	114	106996	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	105664	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	61459	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	44663	22.920	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.680%
7) Chloroethane-d5	2.885	69	31618	24.544	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.160%
11) 1,1-Dichloroethene-d2	4.025	63	56121	21.602	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.400%
21) 2-Butanone-d5	7.080	46	12727	46.333	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.660%
24) Chloroform-d	7.653	84	62068	20.816	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.280%
26) 1,2-Dichloroethane-d4	8.305	65	33459	21.095	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	8.275	84	117597	20.304	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	9.274	67	32248	20.761	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.040%
41) Toluene-d8	10.323	98	118094	19.956	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.840%
43) trans-1,3-Dichloroprop...	10.579	79	15211	21.268	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.080%
47) 2-Hexanone-d5	10.921	63	10816	47.090	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.180%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	30604	22.920	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	46652	19.586	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	12401	29.997	ug/L	98
3) Chloromethane	2.215	50	29712	21.709	ug/L	99
5) Vinyl chloride	2.361	62	48595	22.617	ug/L	99
6) Bromomethane	2.776	94	32355	23.216	ug/L	100
8) Chloroethane	2.922	64	25213	25.472	ug/L	99
9) Trichlorofluoromethane	3.263	101	24092	21.251	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	31424	21.269	ug/L	91
12) 1,1-Dichloroethene	4.044	96	28818	21.729	ug/L	85
13) Acetone	4.129	43	11214	45.539	ug/L	91
14) Carbon disulfide	4.385	76	76057	22.206	ug/L	98
15) Methyl Acetate	4.672	43	10681	25.139	ug/L	# 88
16) Methylene chloride	4.915	84	32159	18.190	ug/L	84
17) trans-1,2-Dichloroethene	5.428	96	30965	21.563	ug/L	82
18) Methyl tert-butyl Ether	5.428	73	47958	24.181	ug/L	94
19) 1,1-Dichloroethane	6.220	63	49819	22.108	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	33646	22.214	ug/L	77
22) 2-Butanone	7.171	43	15207	47.288	ug/L	85
23) Bromochloromethane	7.519	128	15702	22.171	ug/L	# 64
25) Chloroform	7.677	83	58315	22.293	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120921\
 Data File : VW021250.D
 Acq On : 09 Dec 2021 18:59
 Operator : SY/VA
 Sample : M4885-18MS
 Misc : 5.80g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9M4MS

Quant Time: Dec 10 00:32:08 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)
27) 1,2-Dichloroethane	8.397	62	38898	23.482	ug/L	96
29) Cyclohexane	7.958	56	43010	20.450	ug/L #	80
30) 1,1,1-Trichloroethane	7.872	97	50322	21.226	ug/L	95
31) Carbon tetrachloride	8.067	117	46460	21.243	ug/L	97
33) Benzene	8.323	78	121268	21.068	ug/L	100
34) Trichloroethene	9.092	95	35313	21.855	ug/L	94
35) Methylcyclohexane	9.335	83	51429	19.295	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	27883	21.717	ug/L #	95
38) Bromodichloromethane	9.646	83	40439	22.907	ug/L #	95
39) cis-1,3-Dichloropropene	10.073	75	46839	23.143	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	34068	48.698	ug/L #	92
42) Toluene	10.390	91	144212	21.422	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	41766	23.560	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	24864	23.660	ug/L	94
46) Tetrachloroethene	10.860	164	152601	99.417	ug/L	96
48) 2-Hexanone	10.969	43	25310	49.889	ug/L #	95
49) Dibromochloromethane	11.128	129	30793	23.769	ug/L	88
50) 1,2-Dibromoethane	11.238	107	24133	23.076	ug/L #	94
51) Chlorobenzene	11.658	112	97430	21.617	ug/L	89
52) Ethylbenzene	11.731	91	160227	20.828	ug/L	96
53) m,p-Xylene	11.841	106	67881	21.873	ug/L	85
54) o-Xylene	12.164	106	65484	22.234	ug/L	96
55) Styrene	12.176	104	111226	22.189	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	29561	24.539	ug/L #	97
59) Bromoform	12.347	173	17669	24.162	ug/L #	98
60) Isopropylbenzene	12.463	105	172914	20.706	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	21445	23.975	ug/L #	92
62) 1,3,5-Trimethylbenzene	12.945	105	150445	21.171	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	146724	20.930	ug/L	92
64) 1,3-Dichlorobenzene	13.499	146	81703	20.742	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	81896	20.926	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	73640	21.235	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	4301	23.312	ug/L	84
69) 1,3,5-Trichlorobenzene	14.627	180	60749	20.634	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	45696	19.297	ug/L	96
71) Naphthalene	15.359	128	83711	21.759	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	41162	21.033	ug/L	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120921\
Data File : VW021250.D
Acq On : 09 Dec 2021 18:59
Operator : SY/VA
Sample : M4885-18MS
Misc : 5.80g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW9M4MS

Quant Time: Dec 10 00:32:08 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

