

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033297.D
 Acq On : 13 Dec 2023 23:32
 Operator : SY/MD
 Sample : 05731-03MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOY50MS

Quant Time: Dec 14 01:02:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 23:30:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	131140	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	130083	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	74535	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	42945	5.108	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.200%
7) Chloroethane-d5	1.532	69	32269	5.161	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.200%
11) 1,1-Dichloroethene-d2	2.060	65	16477	4.924	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.400%
20) 2-Butanone-d5	3.799	46	56032	56.321	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.640%
24) Chloroform-d	4.249	84	94609	5.396	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.000%
26) 1,2-Dichloroethane-d4	4.944	65	43646	5.728	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.600%
32) Benzene-d6	4.960	84	180798	5.373	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.400%
36) 1,2-Dichloropropane-d6	5.989	67	40173	5.245	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.243	98	179013	5.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.200%
43) trans-1,3-Dichloroprop...	7.555	79	18799	5.380	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.600%
46) 2-Hexanone-d5	8.027	63	57627	59.075	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.160%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	29449	5.685	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	71207	5.424	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	84340	5.156	ug/L	95
3) Chloromethane	1.214	50	49075	5.247	ug/L	99
5) Vinyl chloride	1.282	62	47305	4.997	ug/L	98
6) Bromomethane	1.487	94	30315	4.886	ug/L	100
8) Chloroethane	1.548	64	26146	4.787	ug/L	98
9) Trichlorofluoromethane	1.716	101	87629	5.045	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	38793	4.830	ug/L	99
12) 1,1-Dichloroethene	2.072	96	37690	5.020	ug/L	87
13) Acetone	2.127	43	33729	47.901	ug/L #	58
14) Carbon disulfide	2.243	76	118696	4.855	ug/L	100
15) Methyl Acetate	2.378	43	7018	3.761	ug/L #	80
16) Methylene chloride	2.445	84	41005	4.742	ug/L	92
17) Methyl tert-butyl Ether	2.703	73	78694	5.090	ug/L #	88
18) trans-1,2-Dichloroethene	2.696	96	45134	4.965	ug/L	94
19) 1,1-Dichloroethane	3.111	63	71225	4.993	ug/L	98
21) 2-Butanone	3.880	43	48429	47.211	ug/L	87
22) cis-1,2-Dichloroethene	3.818	96	49661	5.288	ug/L	96
23) Bromochloromethane	4.146	128	21543	5.312	ug/L	94
25) Chloroform	4.275	83	98475	5.855	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033297.D
 Acq On : 13 Dec 2023 23:32
 Operator : SY/MD
 Sample : 05731-03MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOY50MS

Quant Time: Dec 14 01:02:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 23:30:39 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	47988	5.198	ug/L	97
29) 1,1,1-Trichloroethane	4.513	97	90405	5.012	ug/L	100
30) Cyclohexane	4.580	56	65574	5.697	ug/L	97
31) Carbon tetrachloride	4.735	117	85920	5.099	ug/L	98
33) Benzene	5.008	78	208423	5.980	ug/L	100
34) Trichloroethene	5.831	95	67079	6.601	ug/L	98
35) Methylcyclohexane	6.050	83	86626	5.755	ug/L	98
37) 1,2-Dichloropropane	6.092	63	35510	5.065	ug/L	100
38) Bromodichloromethane	6.432	83	59930	5.326	ug/L	91
39) cis-1,3-Dichloropropene	6.957	75	58738	5.159	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	131847	53.147	ug/L	98
42) Toluene	7.313	91	314186	7.869	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	47288	4.983	ug/L	96
45) 1,1,2-Trichloroethane	7.770	97	28707	5.316	ug/L	96
47) Tetrachloroethene	7.905	164	49013	5.094	ug/L	97
48) 2-Hexanone	8.075	43	98090	54.860	ug/L	99
49) Dibromochloromethane	8.175	129	39881	5.266	ug/L	96
50) 1,2-Dibromoethane	8.284	107	26927	5.371	ug/L	95
51) Chlorobenzene	8.815	112	141559	5.177	ug/L	98
52) Ethylbenzene	8.947	91	261305	5.842	ug/L	99
53) m,p-Xylene	9.072	106	112027	6.085	ug/L	96
54) o-Xylene	9.477	106	99227	5.691	ug/L	93
55) Styrene	9.497	104	154406	5.398	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	27180	5.166	ug/L	98
59) Bromoform	9.667	173	23460	5.124	ug/L	97
60) Isopropylbenzene	9.866	105	254405	5.152	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	20005	5.064	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	208604	5.166	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	216027	5.408	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	127454	5.072	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	126158	5.046	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	111994	5.184	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	4756	5.148	ug/L	98
69) 1,3,5-Trichlorobenzene	12.583	180	99742	4.972	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	75563	4.890	ug/L	97
71) Naphthalene	13.442	128	81778	4.568	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	61719	4.975	ug/L	98

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

