

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033321.D
 Acq On : 14 Dec 2023 09:28
 Operator : SY/MD
 Sample : 05770-11MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0Y81MSD

Quant Time: Dec 14 11:19:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 14 01:07:25 2023
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		5.535	114	129409	5.000	ug/L	0.00
28) Chlorobenzene-d5		8.786	117	131001	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.185	152	77310	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.278	65	44631	5.380	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 107.600%		
7) Chloroethane-d5		1.532	69	32397	5.251	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 105.000%		
11) 1,1-Dichloroethene-d2		2.060	65	18151	5.497	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 110.000%		
20) 2-Butanone-d5		3.809	46	61388	62.530	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	= 125.060%		
24) Chloroform-d		4.249	84	99780	5.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 115.400%		
26) 1,2-Dichloroethane-d4		4.944	65	43813	5.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 116.600%		
32) Benzene-d6		4.960	84	184082	5.432	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 108.600%		
36) 1,2-Dichloropropane-d6		5.992	67	42200	5.471	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 109.400%		
41) Toluene-d8		7.243	98	184269	5.580	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 111.600%		
43) trans-1,3-Dichloroprop...		7.555	79	18660	5.303	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 106.000%		
46) 2-Hexanone-d5		8.031	63	65103	66.272	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 132.540%#		
56) 1,1,2,2-Tetrachloroeth...		10.153	84	32634	6.256	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 125.200%#		
66) 1,2-Dichlorobenzene-d4		11.561	152	74955	5.505	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 110.000%		
Target Compounds							
						Qvalue	
2) Dichlorodifluoromethane		1.105	85	85984	5.326	ug/L	98
3) Chloromethane		1.214	50	48533	5.258	ug/L	98
5) Vinyl chloride		1.282	62	49451	5.294	ug/L	95
6) Bromomethane		1.491	94	27523	4.495	ug/L	96
8) Chloroethane		1.552	64	26146	4.851	ug/L	91
9) Trichlorofluoromethane		1.716	101	89239	5.207	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...		2.069	101	40251	5.079	ug/L	96
12) 1,1-Dichloroethene		2.073	96	38683	5.221	ug/L	87
13) Acetone		2.143	43	37516	53.992	ug/L #	58
14) Carbon disulfide		2.243	76	129315	5.360	ug/L	100
15) Methyl Acetate		2.388	43	7373	4.004	ug/L	91
16) Methylene chloride		2.449	84	42039	4.926	ug/L	98
17) Methyl tert-butyl Ether		2.703	73	83581	5.478	ug/L	98
18) trans-1,2-Dichloroethene		2.696	96	47862	5.335	ug/L	92
19) 1,1-Dichloroethane		3.111	63	72667	5.162	ug/L	98
21) 2-Butanone		3.899	43	55446	54.775	ug/L	98
22) cis-1,2-Dichloroethene		3.818	96	53276	5.749	ug/L	95
23) Bromochloromethane		4.153	128	22403	5.598	ug/L	98
25) Chloroform		4.278	83	90633	5.461	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	50062	5.495	ug/L	97
29) 1,1,1-Trichloroethane	4.513	97	92775	5.108	ug/L	98
30) Cyclohexane	4.584	56	57761	4.983	ug/L	98
31) Carbon tetrachloride	4.735	117	87591	5.161	ug/L	100
33) Benzene	5.011	78	183362	5.224	ug/L	100
34) Trichloroethene	5.834	95	56527	5.523	ug/L	94
35) Methylcyclohexane	6.050	83	72830	4.805	ug/L	99
37) 1,2-Dichloropropane	6.095	63	36021	5.102	ug/L #	92
38) Bromodichloromethane	6.432	83	60470	5.337	ug/L	97
39) cis-1,3-Dichloropropene	6.957	75	55250	4.819	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	142433	57.012	ug/L	99
42) Toluene	7.317	91	267239	6.647	ug/L	98
44) trans-1,3-Dichloropropene	7.584	75	47280	4.947	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	29487	5.423	ug/L	98
47) Tetrachloroethene	7.905	164	48311	4.986	ug/L	96
48) 2-Hexanone	8.082	43	104740	58.169	ug/L	99
49) Dibromochloromethane	8.178	129	42257	5.541	ug/L	97
50) 1,2-Dibromoethane	8.281	107	27714	5.489	ug/L	99
51) Chlorobenzene	8.815	112	151028	5.484	ug/L	99
52) Ethylbenzene	8.947	91	235002	5.217	ug/L	100
53) m,p-Xylene	9.072	106	98367	5.306	ug/L	97
54) o-Xylene	9.477	106	94167	5.363	ug/L	93
55) Styrene	9.497	104	159439	5.535	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	30510	5.758	ug/L	97
59) Bromoform	9.667	173	25547	5.379	ug/L	99
60) Isopropylbenzene	9.866	105	254238	4.964	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	21740	5.306	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	207286	4.949	ug/L	98
63) 1,2,4-Trimethylbenzene	10.854	105	213972	5.164	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	135155	5.185	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	134517	5.187	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	117734	5.254	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	5556	5.798	ug/L	88
69) 1,3,5-Trichlorobenzene	12.583	180	104683	5.031	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	81394	5.078	ug/L	97
71) Naphthalene	13.442	128	76759	4.134	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	66631	5.179	ug/L	96

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

