

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029103.D
 Acq On : 18 Nov 2022 07:29
 Operator : SY/MD
 Sample : N5648-09MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46E7

Quant Time: Nov 18 08:34:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 04:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	264271	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	245318	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	126725	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	124853	7.749	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	155.000%#	
7) Chloroethane-d5	1.568	69	106356	7.509	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	150.200%#	
11) 1,1-Dichloroethene-d2	2.108	63	211369	7.199	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	144.000%#	
20) 2-Butanone-d5	3.886	46	342363	126.944	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	253.880%#	
24) Chloroform-d	4.342	84	313067	9.465	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	189.200%#	
26) 1,2-Dichloroethane-d4	5.027	65	142723	9.590	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	191.800%#	
32) Benzene-d6	5.043	84	643836	8.793	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	175.800%#	
36) 1,2-Dichloropropane-d6	6.063	67	185558	9.075	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	181.600%#	
41) Toluene-d8	7.310	98	620183	9.409	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	188.200%#	
43) trans-1,3-Dichloroprop...	7.616	79	62470	9.367	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	187.400%#	
46) 2-Hexanone-d5	8.085	63	312597	109.817	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	219.640%#	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	147942	10.436	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	208.800%#	
66) 1,2-Dichlorobenzene-d4	11.616	152	237804	10.489	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	209.800%#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	106986	4.857	ug/L	98
3) Chloromethane	1.240	50	81952	4.482	ug/L	100
5) Vinyl chloride	1.310	62	272791	13.080	ug/L	94
6) Bromomethane	1.523	94	55714	4.470	ug/L	99
8) Chloroethane	1.584	64	63396	5.173	ug/L	92
9) Trichlorofluoromethane	1.751	101	147913	5.260	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	85465	5.368	ug/L	96
12) 1,1-Dichloroethene	2.114	96	85669	5.355	ug/L #	73
13) Acetone	2.188	43	93799	54.067	ug/L	81
14) Carbon disulfide	2.291	76	261905	4.610	ug/L	100
15) Methyl Acetate	2.436	43	18739	4.451	ug/L	90
16) Methylene chloride	2.503	84	94945	4.590	ug/L	95
17) Methyl tert-butyl Ether	2.764	73	7313113	213.218	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	113065	6.094	ug/L	93
19) 1,1-Dichloroethane	3.185	63	188604	6.218	ug/L	98
21) 2-Butanone	3.976	43	153028	56.974	ug/L	80
22) cis-1,2-Dichloroethene	3.905	96	111339	5.902	ug/L	93
23) Bromochloromethane	4.243	128	44574	5.587	ug/L	92
25) Chloroform	4.368	83	169040	5.316	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	88016	5.374	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	143677	4.991	ug/L	97
30) Cyclohexane	4.674	56	137395	4.696	ug/L	98
31) Carbon tetrachloride	4.822	117	122322	4.934	ug/L	100
33) Benzene	5.095	78	409260	5.459	ug/L	100
34) Trichloroethene	5.912	95	97074	5.058	ug/L	95
35) Methylcyclohexane	6.124	83	160040	4.745	ug/L	97
37) 1,2-Dichloropropane	6.169	63	84400	4.882	ug/L	99
38) Bromodichloromethane	6.506	83	105393	4.814	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	111520	4.621	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	394846	53.087	ug/L	97
42) Toluene	7.381	91	430138	5.311	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	85950	4.588	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	63747	5.633	ug/L	97
47) Tetrachloroethene	7.969	164	84487	5.498	ug/L	97
48) 2-Hexanone	8.137	43	293587	56.351	ug/L	98
49) Dibromochloromethane	8.239	129	69866	5.106	ug/L	100
50) 1,2-Dibromoethane	8.346	107	59534	5.663	ug/L #	96
51) Chlorobenzene	8.876	112	274392	5.480	ug/L	97
52) Ethylbenzene	9.005	91	446667	5.298	ug/L	99
53) m,p-Xylene	9.130	106	180766	5.391	ug/L	98
54) o-Xylene	9.535	106	175966	5.520	ug/L	96
55) Styrene	9.554	104	295733	5.531	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	76991	5.837	ug/L	97
59) Bromoform	9.725	173	35283	5.107	ug/L	99
60) Isopropylbenzene	9.924	105	466754	5.675	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	51708	5.971	ug/L	98
62) 1,3,5-Trimethylbenzene	10.532	105	393453	5.646	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	376497	5.394	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	213860	5.534	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	211727	5.449	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	198082	5.704	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	8021	4.707	ug/L #	82
69) 1,3,5-Trichlorobenzene	12.635	180	160138	5.371	ug/L	100
70) 1,2,4-trichlorobenzene	13.252	180	121852	5.403	ug/L	99
71) Naphthalene	13.493	128	156412	5.375	ug/L	99
72) 1,2,3-Trichlorobenzene	13.734	180	106725	5.587	ug/L	99

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

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