

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111422\
 Data File : VW028951.D
 Acq On : 14 Nov 2022 20:28
 Operator : SY/MD
 Sample : N5592-22MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AE1MS

Quant Time: Nov 15 00:07:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 00:01:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	289816	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	262048	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	133213	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	63632	3.601	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.000%
7) Chloroethane-d5	1.568	69	63662	4.099	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.000%
11) 1,1-Dichloroethene-d2	2.108	63	135417	4.206	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	3.883	46	172579	58.350	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.700%
24) Chloroform-d	4.342	84	171281	4.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.027	65	75634	4.634	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.047	84	341509	4.366	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.066	67	97160	4.448	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.310	98	309010	4.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	7.619	79	31367	4.403	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.082	63	156731	51.545	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.080%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	73986	4.886	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	11.615	152	113100	4.745	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	121200	5.017	ug/L	98
3) Chloromethane	1.240	50	102633	5.119	ug/L	98
5) Vinyl chloride	1.310	62	116550	5.096	ug/L	96
6) Bromomethane	1.523	94	64542	4.722	ug/L	98
8) Chloroethane	1.584	64	67540	5.025	ug/L	99
9) Trichlorofluoromethane	1.751	101	651907	21.140	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	89604	5.132	ug/L	98
12) 1,1-Dichloroethene	2.117	96	92577	5.277	ug/L	91
13) Acetone	2.172	43	99375	52.232	ug/L	83
14) Carbon disulfide	2.294	76	313066	5.025	ug/L	100
15) Methyl Acetate	2.433	43	26553	5.751	ug/L	96
16) Methylene chloride	2.503	84	102975	4.539	ug/L	93
17) Methyl tert-butyl Ether	2.764	73	206028	5.477	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	106631	5.240	ug/L	93
19) 1,1-Dichloroethane	3.185	63	174925	5.259	ug/L	99
21) 2-Butanone	3.966	43	165672	56.244	ug/L	85
22) cis-1,2-Dichloroethene	3.905	96	112412	5.434	ug/L	97
23) Bromochloromethane	4.246	128	47792	5.463	ug/L	98
25) Chloroform	4.368	83	196167	5.625	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	96293	5.361	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	159042	5.172	ug/L	98
30) Cyclohexane	4.674	56	156912	5.021	ug/L	97
31) Carbon tetrachloride	4.825	117	136815	5.167	ug/L	99
33) Benzene	5.095	78	420563	5.252	ug/L	100
34) Trichloroethene	5.912	95	105133	5.128	ug/L	98
35) Methylcyclohexane	6.127	83	179297	4.976	ug/L	97
37) 1,2-Dichloropropane	6.169	63	95402	5.166	ug/L	99
38) Bromodichloromethane	6.503	83	123846	5.296	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	133886	5.193	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	416086	52.371	ug/L	98
42) Toluene	7.381	91	454855	5.258	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	105229	5.258	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	67795	5.608	ug/L	97
47) Tetrachloroethene	7.969	164	111473	6.791	ug/L	99
48) 2-Hexanone	8.133	43	295836	53.157	ug/L	99
49) Dibromochloromethane	8.239	129	80261	5.492	ug/L	97
50) 1,2-Dibromoethane	8.349	107	61922	5.514	ug/L	96
51) Chlorobenzene	8.876	112	290756	5.436	ug/L	99
52) Ethylbenzene	9.005	91	491508	5.457	ug/L	99
53) m,p-Xylene	9.133	106	193371	5.398	ug/L	100
54) o-Xylene	9.535	106	188736	5.543	ug/L	98
55) Styrene	9.554	104	279529	4.894	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	73443	5.213	ug/L	100
59) Bromoform	9.725	173	41717	5.744	ug/L	97
60) Isopropylbenzene	9.924	105	499887	5.781	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	50167	5.511	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	404341	5.520	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	405268	5.523	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	223136	5.492	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	220327	5.395	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	200126	5.483	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	9970	5.566	ug/L	89
69) 1,3,5-Trichlorobenzene	12.635	180	166357	5.307	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	127694	5.386	ug/L	99
71) Naphthalene	13.493	128	163710	5.352	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	108539	5.405	ug/L	99

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

