

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011824\
 Data File : VW033739.D
 Acq On : 18 Jan 2024 16:48
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005331

Quant Time: Jan 19 00:37:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 19 00:08:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	115270	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	104132	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	53825	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	34541	5.480	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.600%
7) Chloroethane-d5	1.539	69	28561	5.109	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.200%
11) 1,1-Dichloroethene-d2	2.063	65	16505	5.810	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	116.200%
20) 2-Butanone-d5	3.831	46	50475	32.752	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	65.500%
24) Chloroform-d	4.253	84	63186	4.635	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	4.947	65	26168	4.282	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	4.963	84	124976	4.974	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	5.989	67	34311	4.096	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.000%
41) Toluene-d8	7.243	98	116888	5.211	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
43) trans-1,3-Dichloroprop...	7.558	79	12370	4.271	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.031	63	38513	33.872	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.740%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	18337	3.746	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	36150	4.374	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.111	85	51398	4.894	ug/L	97
3) Chloromethane	1.221	50	55432	4.403	ug/L	99
5) Vinyl chloride	1.288	62	57637	4.807	ug/L	96
6) Bromomethane	1.494	94	22485	3.749	ug/L	99
8) Chloroethane	1.555	64	36634	5.030	ug/L	99
9) Trichlorofluoromethane	1.719	101	81680	5.606	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	44773	5.468	ug/L	98
12) 1,1-Dichloroethene	2.076	96	41275	5.080	ug/L	97
13) Acetone	2.153	43	48612	38.855	ug/L	92
14) Carbon disulfide	2.246	76	140808	4.684	ug/L	100
15) Methyl Acetate	2.391	43	12902	4.315	ug/L	100
16) Methylene chloride	2.452	84	47362	4.939	ug/L	95
17) Methyl tert-butyl Ether	2.706	73	84739	4.606	ug/L	98
18) trans-1,2-Dichloroethene	2.700	96	44907	4.892	ug/L	95
19) 1,1-Dichloroethane	3.114	63	86220	4.728	ug/L	98
21) 2-Butanone	3.899	43	71439	41.136	ug/L	94
22) cis-1,2-Dichloroethene	3.819	96	46931	4.883	ug/L	98
23) Bromochloromethane	4.153	128	17287	4.932	ug/L	87
25) Chloroform	4.278	83	83671	4.997	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.044	62	46174	4.839	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	78185	5.295	ug/L	98
30) Cyclohexane	4.584	56	82069	4.638	ug/L	94
31) Carbon tetrachloride	4.735	117	67938	5.397	ug/L	98
33) Benzene	5.011	78	182438	4.935	ug/L	100
34) Trichloroethene	5.835	95	48910	4.970	ug/L	96
35) Methylcyclohexane	6.050	83	81158	4.872	ug/L	95
37) 1,2-Dichloropropane	6.095	63	44429	4.839	ug/L	99
38) Bromodichloromethane	6.433	83	55910	4.996	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	64200	4.897	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	182843	43.322	ug/L	98
42) Toluene	7.314	91	199659	5.106	ug/L	99
44) trans-1,3-Dichloropropene	7.584	75	50281	4.759	ug/L	97
45) 1,1,2-Trichloroethane	7.770	97	24536	4.810	ug/L	95
47) Tetrachloroethene	7.905	164	37458	5.298	ug/L	97
48) 2-Hexanone	8.079	43	125372	40.548	ug/L	97
49) Dibromochloromethane	8.175	129	32491	5.116	ug/L	99
50) 1,2-Dibromoethane	8.285	107	22412	4.760	ug/L	98
51) Chlorobenzene	8.812	112	122820	5.128	ug/L	97
52) Ethylbenzene	8.944	91	229889	5.072	ug/L	99
53) m,p-Xylene	9.072	106	83867	5.023	ug/L	99
54) o-Xylene	9.477	106	81431	5.011	ug/L	96
55) Styrene	9.497	104	130279	5.030	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	25965	4.638	ug/L	97
59) Bromoform	9.664	173	15984	4.920	ug/L	99
60) Isopropylbenzene	9.867	105	217771	5.114	ug/L	99
61) 1,2,3-Trichloropropane	10.211	75	20120	4.663	ug/L	96
62) 1,3,5-Trimethylbenzene	10.474	105	188059	5.111	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	189469	5.101	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	97767	5.191	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	91531	4.963	ug/L	96
67) 1,2-Dichlorobenzene	11.580	146	82242	5.025	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	4132	4.357	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	76839	5.255	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	59922	4.919	ug/L	100
71) Naphthalene	13.442	128	73213	3.601	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	46531	4.763	ug/L	99

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

