

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051524\
 Data File : VW035616.D
 Acq On : 15 May 2024 14:58
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005395

Quant Time: May 16 01:36:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 16 01:35:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	235831	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	242636	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	127890	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	62967	4.210	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.532	69	60980	4.502	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.056	65	28578	4.301	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	3.809	46	184258	52.855	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.700%
24) Chloroform-d	4.243	84	154817	4.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	4.940	65	72056	4.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	4.957	84	274981	4.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	5.985	67	88488	5.021	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.239	98	246016	5.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	7.555	79	32596	5.317	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.400%
46) 2-Hexanone-d5	8.024	63	148039	53.376	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.760%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	70687	4.951	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	11.558	152	95450	4.826	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	92759	4.909	ug/L	100
3) Chloromethane	1.214	50	101236	4.748	ug/L	99
5) Vinyl chloride	1.281	62	106141	4.957	ug/L	100
6) Bromomethane	1.487	94	69391	4.799	ug/L	98
8) Chloroethane	1.548	64	67886	4.902	ug/L	98
9) Trichlorofluoromethane	1.712	101	140094	5.064	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	89518	5.147	ug/L	99
12) 1,1-Dichloroethene	2.066	96	82621	4.975	ug/L	94
13) Acetone	2.150	43	151687	54.807	ug/L	99
14) Carbon disulfide	2.236	76	229036	4.957	ug/L	100
15) Methyl Acetate	2.384	43	29368	4.624	ug/L	96
16) Methylene chloride	2.442	84	107400	4.592	ug/L	99
17) Methyl tert-butyl Ether	2.703	73	198295	5.173	ug/L	99
18) trans-1,2-Dichloroethene	2.690	96	87113	5.052	ug/L	95
19) 1,1-Dichloroethane	3.108	63	175316	5.103	ug/L	98
21) 2-Butanone	3.892	43	196654	52.799	ug/L	88
22) cis-1,2-Dichloroethene	3.809	96	94310	5.194	ug/L	97
23) Bromochloromethane	4.146	128	44004	4.986	ug/L	93
25) Chloroform	4.268	83	182029	5.066	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	102453	5.138	ug/L	99
29) 1,1,1-Trichloroethane	4.506	97	152149	5.178	ug/L	98
30) Cyclohexane	4.574	56	112323	5.291	ug/L	99
31) Carbon tetrachloride	4.728	117	131750	5.152	ug/L	99
33) Benzene	5.005	78	359766	5.390	ug/L	100
34) Trichloroethene	5.828	95	100182	5.234	ug/L	99
35) Methylcyclohexane	6.047	83	129021	5.210	ug/L	99
37) 1,2-Dichloropropane	6.088	63	98760	5.518	ug/L	99
38) Bromodichloromethane	6.429	83	125115	5.179	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	129610	5.422	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	473332	55.654	ug/L	100
42) Toluene	7.310	91	384390	5.525	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	111179	5.517	ug/L	97
45) 1,1,2-Trichloroethane	7.767	97	72289	5.157	ug/L	97
47) Tetrachloroethene	7.902	164	77596	5.138	ug/L	99
48) 2-Hexanone	8.072	43	360365	57.624	ug/L	99
49) Dibromochloromethane	8.172	129	80457	5.191	ug/L	100
50) 1,2-Dibromoethane	8.281	107	66025	5.066	ug/L	99
51) Chlorobenzene	8.812	112	250699	5.187	ug/L	97
52) Ethylbenzene	8.944	91	393727	5.421	ug/L	99
53) m,p-Xylene	9.069	106	150798	5.450	ug/L	99
54) o-Xylene	9.474	106	142239	5.431	ug/L	95
55) Styrene	9.493	104	259895	5.697	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	70506	4.705	ug/L	97
59) Bromoform	9.664	173	45125	4.904	ug/L	98
60) Isopropylbenzene	9.863	105	394269	5.436	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	59532	4.992	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	301486	5.284	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	309382	5.479	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	210379	5.388	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	209565	5.217	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	191914	5.146	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	12693	4.994	ug/L	85
69) 1,3,5-Trichlorobenzene	12.580	180	157287	5.325	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	125060	5.336	ug/L	99
71) Naphthalene	13.439	128	168260	4.994	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	115566	5.332	ug/L	99

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

