

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021224\
 Data File : VW034125.D
 Acq On : 12 Feb 2024 08:57
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005348

Quant Time: Feb 13 00:41:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 22:58:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	83893	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	78607	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	40269	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	30609	4.711	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.200%
7) Chloroethane-d5	1.535	69	26413	4.641	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.060	65	14449	4.611	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	3.799	46	46947	43.023	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.040%
24) Chloroform-d	4.249	84	57719	4.889	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	4.944	65	26465	4.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	4.960	84	104544	4.433	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	5.989	67	28556	4.332	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.243	98	100088	4.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	7.555	79	11976	4.811	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.024	63	36772	41.380	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.760%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	16799	4.203	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	33419	4.563	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	37838	4.922	ug/L	100
3) Chloromethane	1.217	50	39771	4.743	ug/L	98
5) Vinyl chloride	1.285	62	39322	4.907	ug/L	90
6) Bromomethane	1.490	94	22788	5.400	ug/L	100
8) Chloroethane	1.552	64	24513	4.484	ug/L	99
9) Trichlorofluoromethane	1.716	101	63800	5.525	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	32971	5.462	ug/L	98
12) 1,1-Dichloroethene	2.072	96	30528	5.209	ug/L	93
13) Acetone	2.130	43	38762	46.823	ug/L #	36
14) Carbon disulfide	2.243	76	86816	4.578	ug/L	99
15) Methyl Acetate	2.384	43	8533	4.355	ug/L	94
16) Methylene chloride	2.449	84	28227	5.020	ug/L	95
17) Methyl tert-butyl Ether	2.703	73	61574	5.113	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	28784	4.822	ug/L	98
19) 1,1-Dichloroethane	3.111	63	55600	5.069	ug/L	97
21) 2-Butanone	3.879	43	48282	44.134	ug/L #	47
22) cis-1,2-Dichloroethene	3.815	96	31494	4.650	ug/L	95
23) Bromochloromethane	4.149	128	12307	5.227	ug/L	95
25) Chloroform	4.275	83	56779	5.121	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	32750	5.158	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	56420	5.346	ug/L	99
30) Cyclohexane	4.580	56	48216	4.698	ug/L	97
31) Carbon tetrachloride	4.735	117	49377	5.347	ug/L	98
33) Benzene	5.011	78	116585	4.945	ug/L	100
34) Trichloroethene	5.831	95	32381	4.746	ug/L	97
35) Methylcyclohexane	6.050	83	52144	4.868	ug/L	97
37) 1,2-Dichloropropane	6.092	63	27641	4.840	ug/L	100
38) Bromodichloromethane	6.432	83	37597	5.015	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	42769	4.922	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	124723	45.606	ug/L	98
42) Toluene	7.313	91	126559	5.023	ug/L	97
44) trans-1,3-Dichloropropene	7.583	75	33502	5.021	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	17068	4.840	ug/L	99
47) Tetrachloroethene	7.905	164	27225	4.910	ug/L	95
48) 2-Hexanone	8.075	43	87973	45.635	ug/L	99
49) Dibromochloromethane	8.175	129	21041	5.021	ug/L	99
50) 1,2-Dibromoethane	8.284	107	16153	5.103	ug/L	97
51) Chlorobenzene	8.815	112	80423	5.048	ug/L	97
52) Ethylbenzene	8.947	91	146545	5.052	ug/L	99
53) m,p-Xylene	9.072	106	54719	4.992	ug/L	98
54) o-Xylene	9.477	106	53472	5.059	ug/L	98
55) Styrene	9.497	104	85419	5.048	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	17914	4.813	ug/L	97
59) Bromoform	9.664	173	11379	5.129	ug/L	99
60) Isopropylbenzene	9.866	105	149180	5.007	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	13171	4.758	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	127765	5.072	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	123848	5.060	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	66103	5.088	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	63754	4.956	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	56635	5.076	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	2877	4.959	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	52359	5.208	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	39917	5.086	ug/L	99
71) Naphthalene	13.442	128	49741	4.836	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	31577	5.021	ug/L	97

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

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