

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022624\
 Data File : VW034411.D
 Acq On : 26 Feb 2024 15:55
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005371

Quant Time: Feb 27 05:01:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 27 04:52:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	144542	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	137502	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	71723	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	40803	4.863	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.532	69	35909	4.846	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.056	65	18959	4.854	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	3.818	46	111049	50.621	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.240%
24) Chloroform-d	4.249	84	85705	5.087	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	4.944	65	45061	5.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	4.960	84	150147	4.854	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	5.989	67	45654	4.943	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.243	98	137327	4.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	7.558	79	20039	5.824	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	116.400%
46) 2-Hexanone-d5	8.027	63	105689	54.323	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.640%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	37748	5.164	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	54684	5.018	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	48056	5.267	ug/L	99
3) Chloromethane	1.214	50	53688	4.958	ug/L	97
5) Vinyl chloride	1.281	62	54463	5.087	ug/L	99
6) Bromomethane	1.487	94	31498	5.183	ug/L	98
8) Chloroethane	1.548	64	35798	4.726	ug/L	99
9) Trichlorofluoromethane	1.712	101	90296	5.180	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	49961	5.315	ug/L	99
12) 1,1-Dichloroethene	2.066	96	46185	5.102	ug/L	95
13) Acetone	2.156	43	103055	46.187	ug/L	85
14) Carbon disulfide	2.236	76	127051	5.238	ug/L	100
15) Methyl Acetate	2.387	43	19496	5.094	ug/L	100
16) Methylene chloride	2.445	84	55216	5.340	ug/L	97
17) Methyl tert-butyl Ether	2.706	73	126284	5.366	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	47563	5.167	ug/L	98
19) 1,1-Dichloroethane	3.111	63	91747	5.179	ug/L	98
21) 2-Butanone	3.899	43	130345	53.213	ug/L	93
22) cis-1,2-Dichloroethene	3.812	96	52766	5.213	ug/L	97
23) Bromochloromethane	4.149	128	21903	5.191	ug/L	88
25) Chloroform	4.275	83	93062	5.057	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	60876	5.421	ug/L	100
29) 1,1,1-Trichloroethane	4.510	97	85255	4.957	ug/L	99
30) Cyclohexane	4.577	56	74997	5.069	ug/L	98
31) Carbon tetrachloride	4.735	117	73291	4.910	ug/L	99
33) Benzene	5.008	78	191252	5.026	ug/L	100
34) Trichloroethene	5.834	95	49551	4.986	ug/L	97
35) Methylcyclohexane	6.050	83	78391	5.025	ug/L	99
37) 1,2-Dichloropropane	6.091	63	47310	5.029	ug/L	98
38) Bromodichloromethane	6.436	83	63028	4.917	ug/L	100
39) cis-1,3-Dichloropropene	6.956	75	68781	5.276	ug/L	95
40) 4-Methyl-2-pentanone	7.159	43	314488	54.041	ug/L	100
42) Toluene	7.313	91	203115	5.080	ug/L	99
44) trans-1,3-Dichloropropene	7.583	75	59598	5.629	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	33733	5.272	ug/L	98
47) Tetrachloroethene	7.905	164	40808	5.234	ug/L	96
48) 2-Hexanone	8.079	43	224182	54.087	ug/L	100
49) Dibromochloromethane	8.175	129	38213	5.130	ug/L	97
50) 1,2-Dibromoethane	8.284	107	31705	5.297	ug/L	97
51) Chlorobenzene	8.815	112	132149	5.088	ug/L	97
52) Ethylbenzene	8.947	91	229105	5.088	ug/L	99
53) m,p-Xylene	9.072	106	85178	5.090	ug/L	100
54) o-Xylene	9.477	106	85776	5.134	ug/L	98
55) Styrene	9.496	104	142688	5.311	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	40512	5.293	ug/L	96
59) Bromoform	9.667	173	18509	5.054	ug/L	99
60) Isopropylbenzene	9.866	105	222130	5.174	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	30613	5.532	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	193355	5.160	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	194612	5.186	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	109278	5.241	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	106581	5.150	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	100813	5.157	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.368	75	7396	5.290	ug/L	87
69) 1,3,5-Trichlorobenzene	12.583	180	81976	5.124	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	76339	5.466	ug/L	99
71) Naphthalene	13.438	128	133979	5.614	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	66646	5.328	ug/L	100

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

