

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050222\
 Data File : VW025758.D
 Acq On : 02 May 2022 11:45
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005398

Quant Time: May 03 05:17:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon May 02 01:22:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	223783	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	224616	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	126417	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	101488	4.878	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.600%
7) Chloroethane-d5	1.571	69	89855	4.060	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.111	63	192293	4.614	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	3.886	46	116805	46.154	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.300%
24) Chloroform-d	4.346	84	142659	4.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.031	65	60523	4.468	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.047	84	284876	4.383	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.066	67	78691	4.342	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.310	98	270485	4.485	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	7.619	79	24965	4.098	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.085	63	93382	43.675	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.360%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	47231	4.125	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	83884	3.958	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	72877	3.605	ug/L	99
3) Chloromethane	1.243	50	85473	3.891	ug/L	97
5) Vinyl chloride	1.314	62	95054	3.829	ug/L	100
6) Bromomethane	1.526	94	55967	3.127	ug/L	100
8) Chloroethane	1.587	64	70822	3.696	ug/L	100
9) Trichlorofluoromethane	1.754	101	153734	4.409	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	88636	4.525	ug/L	97
12) 1,1-Dichloroethene	2.121	96	77477	3.992	ug/L	89
13) Acetone	2.182	43	91857	53.476	ug/L	95
14) Carbon disulfide	2.294	76	147563	3.176	ug/L	99
15) Methyl Acetate	2.439	43	19351	5.069	ug/L	91
16) Methylene chloride	2.507	84	75166	3.994	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	131588	4.381	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	66702	4.101	ug/L	98
19) 1,1-Dichloroethane	3.188	63	136235	4.945	ug/L	96
21) 2-Butanone	3.970	43	129174	54.422	ug/L	95
22) cis-1,2-Dichloroethene	3.909	96	77177	4.507	ug/L	96
23) Bromochloromethane	4.246	128	32436	4.563	ug/L	95
25) Chloroform	4.372	83	146766	5.047	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	74696	4.869	ug/L	96
29) 1,1,1-Trichloroethane	4.603	97	126543	4.777	ug/L	99
30) Cyclohexane	4.674	56	92388	3.836	ug/L	98
31) Carbon tetrachloride	4.822	117	104414	4.660	ug/L	98
33) Benzene	5.095	78	296641	4.471	ug/L	100
34) Trichloroethene	5.912	95	77608	4.405	ug/L	98
35) Methylcyclohexane	6.127	83	109776	3.905	ug/L	96
37) 1,2-Dichloropropane	6.169	63	74530	4.855	ug/L	100
38) Bromodichloromethane	6.506	83	95290	5.001	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	94640	4.705	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	328494	53.448	ug/L	97
42) Toluene	7.384	91	327654	4.540	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	75622	4.839	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	50970	4.959	ug/L	98
47) Tetrachloroethene	7.973	164	59288	4.299	ug/L	97
48) 2-Hexanone	8.137	43	241505	56.384	ug/L	95
49) Dibromochloromethane	8.243	129	56013	4.964	ug/L	98
50) 1,2-Dibromoethane	8.349	107	42982	4.452	ug/L	98
51) Chlorobenzene	8.876	112	210386	4.565	ug/L	99
52) Ethylbenzene	9.008	91	344059	4.470	ug/L	99
53) m,p-Xylene	9.137	106	136703	4.671	ug/L	96
54) o-Xylene	9.542	106	130538	4.592	ug/L	96
55) Styrene	9.558	104	226565	4.901	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.236	83	50765	4.943	ug/L	99
59) Bromoform	9.728	173	24788	4.750	ug/L	99
60) Isopropylbenzene	9.928	105	356429	4.555	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	40296	4.840	ug/L	95
62) 1,3,5-Trimethylbenzene	10.535	105	147457	4.226	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	278380	4.428	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	168207	4.605	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	167933	4.529	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	150055	4.639	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	8060	5.599	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	123473	4.443	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	92262	4.307	ug/L	98
71) Naphthalene	13.500	128	131105	4.172	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	77933	4.393	ug/L	98

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

