

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091722\
 Data File : VW027903.D
 Acq On : 17 Sep 2022 16:08
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV239

Quant Time: Sep 19 02:33:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 19 02:25:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	217687	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	211986	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	122979	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	72566	4.176	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.568	69	49528	4.032	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.108	63	116235	4.252	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	3.886	46	121719	45.352	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.700%
24) Chloroform-d	4.339	84	134843	4.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	5.027	65	67180	4.182	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
32) Benzene-d6	5.043	84	252449	4.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.063	67	65762	4.305	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.310	98	233811	4.320	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	7.619	79	30108	4.605	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.085	63	100062	46.146	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.300%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	44578	4.219	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	89301	4.148	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	92559	5.298	ug/L	99
3) Chloromethane	1.240	50	71414	5.232	ug/L	96
5) Vinyl chloride	1.311	62	82558	5.284	ug/L	99
6) Bromomethane	1.523	94	45366	5.389	ug/L	98
8) Chloroethane	1.584	64	44600	5.005	ug/L	100
9) Trichlorofluoromethane	1.751	101	141689	5.448	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	64773	5.182	ug/L	92
12) 1,1-Dichloroethene	2.118	96	60098	5.038	ug/L	84
13) Acetone	2.179	43	92789	53.155	ug/L	86
14) Carbon disulfide	2.291	76	162255	5.635	ug/L	99
15) Methyl Acetate	2.436	43	22759	5.938	ug/L #	85
16) Methylene chloride	2.503	84	77813	5.043	ug/L	87
17) Methyl tert-butyl Ether	2.764	73	170120	5.538	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	73083	5.436	ug/L	90
19) 1,1-Dichloroethane	3.185	63	137697	5.472	ug/L	99
21) 2-Butanone	3.966	43	144085	61.230	ug/L	95
22) cis-1,2-Dichloroethene	3.902	96	82144	5.431	ug/L #	88
23) Bromochloromethane	4.243	128	36115	5.226	ug/L #	78
25) Chloroform	4.365	83	157064	5.203	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	90854	5.321	ug/L	98
29) 1,1,1-Trichloroethane	4.600	97	152960	5.521	ug/L	96
30) Cyclohexane	4.670	56	96734	5.692	ug/L	94
31) Carbon tetrachloride	4.822	117	134248	5.467	ug/L	99
33) Benzene	5.092	78	298173	5.396	ug/L	100
34) Trichloroethene	5.908	95	81656	5.469	ug/L	95
35) Methylcyclohexane	6.124	83	114788	5.553	ug/L	92
37) 1,2-Dichloropropane	6.169	63	70539	5.668	ug/L	99
38) Bromodichloromethane	6.503	83	105267	5.421	ug/L	97
39) cis-1,3-Dichloropropene	7.021	75	105366	5.627	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	348807	57.687	ug/L #	93
42) Toluene	7.381	91	339673	5.598	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	93644	5.660	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	52678	5.450	ug/L	99
47) Tetrachloroethene	7.973	164	69636	5.583	ug/L	97
48) 2-Hexanone	8.133	43	249409	57.481	ug/L #	93
49) Dibromochloromethane	8.243	129	70263	5.542	ug/L	99
50) 1,2-Dibromoethane	8.349	107	47125	5.438	ug/L	97
51) Chlorobenzene	8.876	112	228659	5.506	ug/L	99
52) Ethylbenzene	9.008	91	372731	5.644	ug/L	99
53) m,p-Xylene	9.133	106	147864	5.652	ug/L	100
54) o-Xylene	9.538	106	144183	5.673	ug/L	95
55) Styrene	9.558	104	254330	5.790	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	53731	5.417	ug/L	98
59) Bromoform	9.728	173	38379	5.268	ug/L	98
60) Isopropylbenzene	9.928	105	396643	5.525	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	43291	5.126	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	113656	5.406	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	327716	5.545	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	202466	5.555	ug/L	96
65) 1,4-Dichlorobenzene	11.268	146	197770	5.354	ug/L	96
67) 1,2-Dichlorobenzene	11.638	146	178678	5.324	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.423	75	9816	5.449	ug/L	91
69) 1,3,5-Trichlorobenzene	12.641	180	160675	5.440	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	130250	5.601	ug/L	98
71) Naphthalene	13.500	128	195491	6.048	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	115173	5.818	ug/L	98

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

