

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102221\
 Data File : VW022984.D
 Acq On : 22 Oct 2021 12:18
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV246

Quant Time: Oct 23 01:28:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 23 01:14:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	146328	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	139560	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75972	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	64153	5.017	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 100.400%	
7) Chloroethane-d5	1.558	69	40994	5.183	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	= 103.600%	
11) 1,1-Dichloroethene-d2	2.098	63	92935	5.038	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	= 100.800%	
20) 2-Butanone-d5	3.960	46	116737	56.914	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 113.820%	
24) Chloroform-d	4.339	84	105699	5.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 101.600%	
26) 1,2-Dichloroethane-d4	5.031	65	51179	5.223	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	= 104.400%	
32) Benzene-d6	5.037	84	216542	5.315	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	= 106.200%	
36) 1,2-Dichloropropane-d6	6.066	67	67033	5.344	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	= 106.800%	
41) Toluene-d8	7.310	98	205789	5.623	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	= 112.400%	
43) trans-1,3-Dichloroprop...	7.622	79	24258	5.520	ug/L	-0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	= 110.400%	
46) 2-Hexanone-d5	8.101	63	90159	55.412	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 110.820%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	48682	5.621	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 112.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	70863	5.228	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 104.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	47954	5.166	ug/L	98
3) Chloromethane	1.230	50	48358	4.820	ug/L	96
5) Vinyl chloride	1.301	62	51475	4.967	ug/L	100
6) Bromomethane	1.513	94	25832	4.934	ug/L	99
8) Chloroethane	1.574	64	26750	4.936	ug/L	96
9) Trichlorofluoromethane	1.741	101	70844	5.065	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	40227	5.044	ug/L	100
12) 1,1-Dichloroethene	2.108	96	36840	4.918	ug/L	96
13) Acetone	2.259	43	51112	50.791	ug/L	95
14) Carbon disulfide	2.281	76	102371	5.018	ug/L	99
15) Methyl Acetate	2.465	43	18688	4.882	ug/L #	80
16) Methylene chloride	2.497	84	40372	4.906	ug/L	88
17) Methyl tert-butyl Ether	2.773	73	92679	5.182	ug/L	97
18) trans-1,2-Dichloroethene	2.744	96	39593	4.950	ug/L	97
19) 1,1-Dichloroethane	3.178	63	78941	5.372	ug/L	97
21) 2-Butanone	4.043	43	107240	54.434	ug/L	99
22) cis-1,2-Dichloroethene	3.899	96	47989	5.292	ug/L #	100
23) Bromochloromethane	4.236	128	21040	5.111	ug/L	96
25) Chloroform	4.365	83	94017	4.842	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	48178	4.705	ug/L	100
29) 1,1,1-Trichloroethane	4.593	97	80419	5.099	ug/L	100
30) Cyclohexane	4.651	56	76217	5.535	ug/L	99
31) Carbon tetrachloride	4.809	117	68923	5.079	ug/L	99
33) Benzene	5.085	78	194149	5.169	ug/L	100
34) Trichloroethene	5.905	95	48819	5.174	ug/L	97
35) Methylcyclohexane	6.117	83	68626	5.080	ug/L	98
37) 1,2-Dichloropropane	6.172	63	47256	4.992	ug/L	98
38) Bromodichloromethane	6.506	83	59280	5.077	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	60020	5.092	ug/L	98
40) 4-Methyl-2-pentanone	7.246	43	249710	56.034	ug/L	100
42) Toluene	7.384	91	205057	5.388	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	53224	5.458	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	33681	5.086	ug/L	99
47) Tetrachloroethene	7.973	164	41455	5.201	ug/L	98
48) 2-Hexanone	8.153	43	175677	53.105	ug/L #	90
49) Dibromochloromethane	8.246	129	41732	5.296	ug/L	100
50) 1,2-Dibromoethane	8.352	107	32396	5.434	ug/L	97
51) Chlorobenzene	8.879	112	130427	5.217	ug/L	99
52) Ethylbenzene	9.011	91	196238	5.195	ug/L	98
53) m,p-xylene	9.136	106	78028	5.151	ug/L	98
54) o-xylene	9.542	106	74820	5.246	ug/L	99
55) Styrene	9.561	104	133959	5.439	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	39877	5.387	ug/L #	97
59) Bromoform	9.731	173	23000	5.195	ug/L	99
60) Isopropylbenzene	9.931	105	200751	5.225	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	27728	5.185	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	155318	5.033	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	160590	5.213	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	104731	5.180	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	105542	5.139	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	97984	5.206	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5834	5.529	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	78775	5.116	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	61336	5.323	ug/L	98
71) Naphthalene	13.503	128	95266	5.438	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	57020	5.331	ug/L	99

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

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