

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031522\
 Data File : VW025018.D
 Acq On : 15 Mar 2022 23:37
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005331

Quant Time: Mar 16 03:43:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 03:30:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	158863	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	150023	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71814	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	59938	4.779	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.568	69	45164	4.918	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.108	63	101357	5.000	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.000%
20) 2-Butanone-d5	3.889	46	92972	61.337	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.680%
24) Chloroform-d	4.349	84	104713	5.034	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.034	65	44415	5.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.050	84	215327	4.948	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.069	67	61551	4.918	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.317	98	195854	4.938	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
43) trans-1,3-Dichloroprop...	7.622	79	21648	4.962	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.200%
46) 2-Hexanone-d5	8.088	63	77669	52.194	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.380%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	38273	5.199	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	61567	5.064	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	69410	4.945	ug/L	99
3) Chloromethane	1.240	50	63639	4.807	ug/L	100
5) Vinyl chloride	1.310	62	70710	5.063	ug/L	100
6) Bromomethane	1.523	94	44996	4.985	ug/L	99
8) Chloroethane	1.584	64	41267	4.873	ug/L	100
9) Trichlorofluoromethane	1.754	101	96384	5.074	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	53661	5.209	ug/L	99
12) 1,1-Dichloroethene	2.117	96	51193	5.058	ug/L	93
13) Acetone	2.182	43	57188	56.414	ug/L	78
14) Carbon disulfide	2.294	76	178434	4.928	ug/L	100
15) Methyl Acetate	2.439	43	16981	6.114	ug/L	93
16) Methylene chloride	2.506	84	61186	4.989	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	112490	5.103	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	61342	5.037	ug/L	98
19) 1,1-Dichloroethane	3.191	63	106552	5.140	ug/L	98
21) 2-Butanone	3.973	43	95584	59.741	ug/L	81
22) cis-1,2-Dichloroethene	3.912	96	63814	5.190	ug/L	93
23) Bromochloromethane	4.249	128	25905	5.344	ug/L	96
25) Chloroform	4.378	83	111358	5.160	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	55579	5.179	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	96325	5.035	ug/L	98
30) Cyclohexane	4.677	56	91783	4.931	ug/L	100
31) Carbon tetrachloride	4.828	117	84466	5.146	ug/L	99
33) Benzene	5.098	78	248179	5.086	ug/L	100
34) Trichloroethene	5.915	95	66346	5.106	ug/L	99
35) Methylcyclohexane	6.130	83	99752	4.850	ug/L	98
37) 1,2-Dichloropropane	6.172	63	57741	5.149	ug/L	100
38) Bromodichloromethane	6.510	83	71242	5.024	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	77360	4.969	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	240594	52.142	ug/L	98
42) Toluene	7.387	91	264862	5.187	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	61281	5.002	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	38174	5.097	ug/L	97
47) Tetrachloroethene	7.976	164	45360	4.963	ug/L	98
48) 2-Hexanone	8.140	43	168246	51.432	ug/L	98
49) Dibromochloromethane	8.246	129	41862	4.993	ug/L	98
50) 1,2-Dibromoethane	8.352	107	35398	5.164	ug/L	100
51) Chlorobenzene	8.879	112	162373	5.078	ug/L	99
52) Ethylbenzene	9.011	91	280508	5.192	ug/L	100
53) m,p-xylene	9.136	106	106566	5.122	ug/L	99
54) o-xylene	9.542	106	101903	5.122	ug/L	98
55) Styrene	9.558	104	174231	5.378	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	39848	5.427	ug/L	96
59) Bromoform	9.731	173	18655	4.823	ug/L	99
60) Isopropylbenzene	9.931	105	275309	5.083	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	30305	5.018	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	124690	5.074	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	225052	5.171	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	118967	5.064	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	120849	5.103	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	106980	5.139	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5071	4.898	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	83920	5.057	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	64947	5.023	ug/L	98
71) Naphthalene	13.500	128	110230	5.134	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	56156	5.126	ug/L	99

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

