

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021822\
 Data File : VW024745.D
 Acq On : 18 Feb 2022 09:47
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005317

Quant Time: Feb 19 00:41:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 18 07:32:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	171796	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	159505	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	74899	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	66684	4.576	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.600%
7) Chloroethane-d5	1.568	69	57193	4.784	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.111	63	127966	4.792	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.800%
20) 2-Butanone-d5	3.886	46	109604	52.660	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.320%
24) Chloroform-d	4.342	84	112313	4.940	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.027	65	49859	4.920	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.043	84	227731	4.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.066	67	67097	4.955	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.310	98	206411	4.937	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
43) trans-1,3-Dichloroprop...	7.619	79	23186	5.140	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.800%
46) 2-Hexanone-d5	8.085	63	89828	50.605	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.200%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	40230	4.929	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	62866	4.851	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	85747	5.118	ug/L	100
3) Chloromethane	1.243	50	85820	5.129	ug/L	99
5) Vinyl chloride	1.310	62	92557	5.039	ug/L	98
6) Bromomethane	1.523	94	56201	5.122	ug/L	97
8) Chloroethane	1.587	64	57812	5.109	ug/L	99
9) Trichlorofluoromethane	1.754	101	123710	5.130	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	71473	5.104	ug/L	99
12) 1,1-Dichloroethene	2.117	96	67556	5.049	ug/L	95
13) Acetone	2.182	43	75906	51.714	ug/L	97
14) Carbon disulfide	2.294	76	190930	5.085	ug/L	100
15) Methyl Acetate	2.439	43	20020	5.210	ug/L	95
16) Methylene chloride	2.506	84	65123	4.944	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	134471	5.113	ug/L	100
18) trans-1,2-Dichloroethene	2.757	96	66982	5.126	ug/L	97
19) 1,1-Dichloroethane	3.188	63	124073	5.185	ug/L	100
21) 2-Butanone	3.969	43	125265	55.226	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	70321	5.091	ug/L	99
23) Bromochloromethane	4.246	128	27434	5.139	ug/L	93
25) Chloroform	4.371	83	127597	5.105	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	67688	5.074	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	109982	5.138	ug/L	98
30) Cyclohexane	4.674	56	109828	5.058	ug/L	100
31) Carbon tetrachloride	4.825	117	93296	5.184	ug/L	99
33) Benzene	5.095	78	275585	5.103	ug/L	100
34) Trichloroethene	5.908	95	73760	5.156	ug/L	98
35) Methylcyclohexane	6.127	83	119191	5.157	ug/L	99
37) 1,2-Dichloropropane	6.169	63	65299	5.118	ug/L	100
38) Bromodichloromethane	6.503	83	84088	5.236	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	88647	5.009	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	317377	52.292	ug/L	100
42) Toluene	7.384	91	297840	5.180	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	74148	5.244	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	43384	5.226	ug/L	99
47) Tetrachloroethene	7.969	164	49218	5.052	ug/L	98
48) 2-Hexanone	8.133	43	222578	52.159	ug/L	100
49) Dibromochloromethane	8.243	129	47348	5.140	ug/L	98
50) 1,2-Dibromoethane	8.349	107	38748	5.116	ug/L	99
51) Chlorobenzene	8.876	112	181526	5.047	ug/L	99
52) Ethylbenzene	9.008	91	322441	5.138	ug/L	99
53) m,p-xylene	9.133	106	122400	5.160	ug/L	98
54) o-xylene	9.538	106	117390	5.064	ug/L	98
55) Styrene	9.558	104	199190	5.283	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	42902	4.887	ug/L	97
59) Bromoform	9.728	173	19144	5.049	ug/L	99
60) Isopropylbenzene	9.927	105	319450	5.156	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	34248	5.046	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	265427	5.139	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	268328	5.234	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	134333	5.141	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	131141	5.025	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	118176	5.127	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6054	5.216	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	92919	5.015	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	73438	5.031	ug/L	100
71) Naphthalene	13.500	128	123448	4.973	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	60983	4.992	ug/L	99

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

