

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121521\
 Data File : VW023979.D
 Acq On : 15 Dec 2021 11:21
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005394

Quant Time: Dec 16 04:42:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 04:33:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	99719	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	104165	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64618	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	26636	4.969	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.400%	
7) Chloroethane-d5	1.568	69	21706	4.853	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.000%	
11) 1,1-Dichloroethene-d2	2.111	63	57477	5.493	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	109.800%	
20) 2-Butanone-d5	3.908	46	31539	30.113	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	60.220%	
24) Chloroform-d	4.346	84	59556	4.905	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.000%	
26) 1,2-Dichloroethane-d4	5.031	65	27064	4.787	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.800%	
32) Benzene-d6	5.050	84	107329	5.202	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.000%	
36) 1,2-Dichloropropane-d6	6.069	67	29764	4.782	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.600%	
41) Toluene-d8	7.313	98	110482	5.948	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	119.000%	
43) trans-1,3-Dichloroprop...	7.622	79	12376	4.793	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.800%	
46) 2-Hexanone-d5	8.091	63	42403	36.682	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	73.360%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	21980	4.257	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	41232	4.777	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	45262	5.215	ug/L	98
3) Chloromethane	1.240	50	37374	5.040	ug/L	97
5) Vinyl chloride	1.310	62	41724	5.187	ug/L	98
6) Bromomethane	1.523	94	26670	5.218	ug/L	99
8) Chloroethane	1.584	64	26949	5.149	ug/L	97
9) Trichlorofluoromethane	1.754	101	76297	5.459	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	40405	5.489	ug/L	98
12) 1,1-Dichloroethene	2.117	96	35697	5.336	ug/L	97
13) Acetone	2.198	43	37394	44.628	ug/L	85
14) Carbon disulfide	2.294	76	94483	4.869	ug/L	100
15) Methyl Acetate	2.445	43	8188	4.032	ug/L	90
16) Methylene chloride	2.507	84	43828	5.007	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	75769	5.008	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	39290	5.305	ug/L	99
19) 1,1-Dichloroethane	3.188	63	70021	5.268	ug/L	95
21) 2-Butanone	3.989	43	53005	44.274	ug/L	95
22) cis-1,2-Dichloroethene	3.912	96	41036	5.234	ug/L	97
23) Bromochloromethane	4.243	128	19215	5.394	ug/L	87
25) Chloroform	4.371	83	79837	5.403	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	43372	5.418	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	75199	5.518	ug/L	99
30) Cyclohexane	4.677	56	52822	4.887	ug/L	98
31) Carbon tetrachloride	4.825	117	69329	5.412	ug/L	100
33) Benzene	5.098	78	158102	5.365	ug/L	100
34) Trichloroethene	5.912	95	42642	5.130	ug/L	95
35) Methylcyclohexane	6.130	83	60353	4.934	ug/L	99
37) 1,2-Dichloropropane	6.172	63	37267	5.321	ug/L	99
38) Bromodichloromethane	6.510	83	52658	5.307	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	51495	4.953	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	185579	55.159	ug/L	98
42) Toluene	7.384	91	182571	5.505	ug/L	96
44) trans-1,3-Dichloropropene	7.651	75	45001	5.007	ug/L	95
45) 1,1,2-Trichloroethane	7.838	97	28381	5.477	ug/L	98
47) Tetrachloroethene	7.976	164	37896	5.179	ug/L	96
48) 2-Hexanone	8.140	43	142619	58.462	ug/L	98
49) Dibromochloromethane	8.246	129	39268	5.570	ug/L	97
50) 1,2-Dibromoethane	8.352	107	26646	5.539	ug/L	95
51) Chlorobenzene	8.879	112	118570	5.349	ug/L	98
52) Ethylbenzene	9.011	91	186654	5.334	ug/L	99
53) m,p-xylene	9.136	106	76202	5.507	ug/L	99
54) o-xylene	9.542	106	71664	5.355	ug/L	98
55) Styrene	9.558	104	125449	5.631	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	29504	5.200	ug/L #	96
59) Bromoform	9.731	173	21388	5.157	ug/L	98
60) Isopropylbenzene	9.931	105	198205	5.224	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	22684	5.153	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	160221	5.091	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	162976	5.198	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	102748	5.295	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	103153	5.293	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	93304	5.249	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	4872	5.067	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	80102	5.019	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	59882	4.777	ug/L	99
71) Naphthalene	13.500	128	81559	4.527	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	54422	4.918	ug/L	97

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

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