

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022122\
 Data File : VW024768.D
 Acq On : 21 Feb 2022 10:03
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005319

Quant Time: Feb 22 03:24:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 19 00:43:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	232777	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	210428	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	100690	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	74899	3.794	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.571	69	65177	4.024	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.111	63	146389	4.046	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	3.889	46	144349	51.184	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.360%
24) Chloroform-d	4.346	84	140693	4.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.030	65	60721	4.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.047	84	272118	4.483	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.066	67	82935	4.642	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.310	98	244261	4.428	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	7.619	79	29704	4.991	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	8.085	63	118504	50.604	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.200%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	49891	4.634	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	77626	4.456	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	116403	5.128	ug/L	100
3) Chloromethane	1.243	50	113389	5.001	ug/L	98
5) Vinyl chloride	1.314	62	122639	4.927	ug/L	99
6) Bromomethane	1.526	94	74667	5.022	ug/L	97
8) Chloroethane	1.587	64	75585	4.930	ug/L	100
9) Trichlorofluoromethane	1.754	101	161809	4.952	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	96254	5.073	ug/L	99
12) 1,1-Dichloroethene	2.121	96	88996	4.909	ug/L	93
13) Acetone	2.185	43	104401	52.494	ug/L	94
14) Carbon disulfide	2.294	76	259768	5.106	ug/L	100
15) Methyl Acetate	2.439	43	26892	5.165	ug/L	97
16) Methylene chloride	2.506	84	88840	4.977	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	187956	5.274	ug/L	100
18) trans-1,2-Dichloroethene	2.760	96	90320	5.101	ug/L	95
19) 1,1-Dichloroethane	3.188	63	168897	5.210	ug/L	100
21) 2-Butanone	3.969	43	175872	57.225	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	98809	5.280	ug/L	97
23) Bromochloromethane	4.243	128	37420	5.173	ug/L	97
25) Chloroform	4.371	83	171650	5.068	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	90645	5.015	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	151817	5.376	ug/L	98
30) Cyclohexane	4.674	56	153635	5.363	ug/L	100
31) Carbon tetrachloride	4.825	117	128442	5.410	ug/L	98
33) Benzene	5.095	78	380185	5.336	ug/L	100
34) Trichloroethene	5.908	95	101505	5.378	ug/L	99
35) Methylcyclohexane	6.127	83	164759	5.404	ug/L	100
37) 1,2-Dichloropropane	6.169	63	91777	5.452	ug/L	99
38) Bromodichloromethane	6.506	83	114340	5.396	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	129087	5.529	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	433753	54.172	ug/L	99
42) Toluene	7.384	91	406890	5.364	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	104214	5.586	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	59066	5.394	ug/L	98
47) Tetrachloroethene	7.972	164	67667	5.265	ug/L	98
48) 2-Hexanone	8.133	43	307670	54.652	ug/L	98
49) Dibromochloromethane	8.243	129	66117	5.441	ug/L	99
50) 1,2-Dibromoethane	8.349	107	54095	5.414	ug/L	98
51) Chlorobenzene	8.876	112	247454	5.215	ug/L	99
52) Ethylbenzene	9.008	91	444044	5.364	ug/L	100
53) m,p-xylene	9.133	106	170319	5.443	ug/L	100
54) o-xylene	9.538	106	162927	5.328	ug/L	99
55) Styrene	9.558	104	271598	5.460	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	58396	5.042	ug/L	100
59) Bromoform	9.728	173	28895	5.669	ug/L	98
60) Isopropylbenzene	9.927	105	442749	5.316	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	45774	5.016	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	370240	5.332	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	371494	5.390	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	184066	5.240	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	180204	5.137	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	161453	5.211	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	8363	5.360	ug/L	95
69) 1,3,5-Trichlorobenzene	12.641	180	131520	5.280	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	103869	5.293	ug/L	100
71) Naphthalene	13.500	128	167241	5.011	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	84691	5.157	ug/L	99

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

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