

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111221\
 Data File : VW023443.D
 Acq On : 12 Nov 2021 15:06
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005352

Quant Time: Nov 13 00:13:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 12 04:43:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.635	114	125159	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.860	117	121335	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67448	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	27394	3.494	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.800%
7) Chloroethane-d5	1.577	69	25065	3.922	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	2.121	63	58588	3.991	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.800%
20) 2-Butanone-d5	3.989	46	64634	47.848	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.700%
24) Chloroform-d	4.362	84	69762	4.175	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.053	65	34773	4.628	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.059	84	137871	4.429	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.095	67	42183	4.603	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.326	98	130481	4.473	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.635	79	15333	4.412	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.111	63	55468	43.384	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.760%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	29795	4.521	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	48240	4.295	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	56993	4.670	ug/L	98
3) Chloromethane	1.236	50	47573	4.585	ug/L	99
5) Vinyl chloride	1.307	62	47966	4.629	ug/L	98
6) Bromomethane	1.529	94	29413	4.440	ug/L	100
8) Chloroethane	1.597	64	28783	4.813	ug/L	100
9) Trichlorofluoromethane	1.764	101	76647	4.922	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	35969	4.589	ug/L	98
12) 1,1-Dichloroethene	2.130	96	34113	4.571	ug/L	83
13) Acetone	2.275	43	38599	46.765	ug/L	74
14) Carbon disulfide	2.301	76	100755	3.577	ug/L	99
15) Methyl Acetate	2.474	43	10767	4.609	ug/L	96
16) Methylene chloride	2.516	84	37367	3.431	ug/L	92
17) Methyl tert-butyl Ether	2.793	73	77062	4.690	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	36049	3.929	ug/L	98
19) 1,1-Dichloroethane	3.195	63	62962	4.064	ug/L	98
21) 2-Butanone	4.072	43	68344	51.215	ug/L #	74
22) cis-1,2-Dichloroethene	3.921	96	38331	4.341	ug/L #	91
23) Bromochloromethane	4.256	128	21100	5.182	ug/L #	83
25) Chloroform	4.388	83	90758	5.496	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.153	62	45221	5.149	ug/L	97
29) 1,1,1-Trichloroethane	4.613	97	73823	5.009	ug/L	98
30) Cyclohexane	4.674	56	63483	4.808	ug/L	97
31) Carbon tetrachloride	4.831	117	67422	5.094	ug/L	98
33) Benzene	5.111	78	172250	5.079	ug/L	100
34) Trichloroethene	5.934	95	44334	4.916	ug/L	98
35) Methylcyclohexane	6.146	83	67524	4.744	ug/L	96
37) 1,2-Dichloropropane	6.198	63	41545	5.247	ug/L	99
38) Bromodichloromethane	6.529	83	53640	5.056	ug/L	98
39) cis-1,3-Dichloropropene	7.043	75	53982	4.741	ug/L	99
40) 4-Methyl-2-pentanone	7.256	43	204331	55.647	ug/L	99
42) Toluene	7.400	91	191216	5.272	ug/L	97
44) trans-1,3-Dichloropropene	7.664	75	47179	4.993	ug/L	98
45) 1,1,2-Trichloroethane	7.854	97	28820	5.066	ug/L	98
47) Tetrachloroethene	7.982	164	39648	5.073	ug/L	99
48) 2-Hexanone	8.159	43	151700	58.959	ug/L	98
49) Dibromochloromethane	8.256	129	37759	5.239	ug/L	98
50) 1,2-Dibromoethane	8.362	107	28137	5.337	ug/L	97
51) Chlorobenzene	8.889	112	118014	4.895	ug/L	99
52) Ethylbenzene	9.018	91	186277	4.869	ug/L	99
53) m,p-xylene	9.143	106	75003	4.995	ug/L	95
54) o-xylene	9.548	106	70034	4.972	ug/L	100
55) Styrene	9.564	104	123704	5.127	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.246	83	30176	4.842	ug/L	99
59) Bromoform	9.738	173	20495	5.087	ug/L	99
60) Isopropylbenzene	9.934	105	190752	4.928	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	23230	5.185	ug/L	97
62) 1,3,5-Trimethylbenzene	10.542	105	148569	4.629	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	152462	4.773	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	95323	4.820	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	95917	4.749	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	87645	4.953	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4414	4.624	ug/L	90
69) 1,3,5-Trichlorobenzene	12.648	180	71197	4.598	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	51944	4.189	ug/L	99
71) Naphthalene	13.503	128	72809	3.982	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	48348	4.456	ug/L	100

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

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