

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052621\
 Data File : VW021435.D
 Acq On : 26 May 2021 18:57
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005175

Manual Integrations
 APPROVED

MMDadoda
 5/28/2021 11:27:05 AM

Quant Time: May 27 02:06:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 27 02:03:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	232643	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	216324	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	123030	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	40440	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.565	69	43378	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.108	63	85959	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.20%
20) 2-Butanone-d5	3.918	46	193262	54.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.24%
24) Chloroform-d	4.352	84	129859	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.037	65	60932	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.053	84	239305	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.072	67	76616	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.320	98	215571	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloroprop...	7.625	79	31050	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.092	63	175269	52.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.96%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	67730	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
66) 1,2-Dichlorobenzene-d4	11.625	152	100208	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	79972	5.12	ug/L	99
3) Chloromethane	1.240	50	71634	5.23	ug/L	99
5) Vinyl chloride	1.307	62	76230	5.36	ug/L	97
6) Bromomethane	1.519	94	51353	5.51	ug/L	100
8) Chloroethane	1.584	64	45342	5.29	ug/L	100
9) Trichlorofluoromethane	1.751	101	120766	5.50	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	67211	5.49	ug/L	99
12) 1,1-Dichloroethene	2.118	96	61483	5.33	ug/L	96
13) Acetone	2.211	43	100769m	50.52	ug/L	
14) Carbon disulfide	2.291	76	197959	5.10	ug/L	100
15) Methyl Acetate	2.449	43	29784	6.33	ug/L	97
16) Methylene chloride	2.507	84	87976	4.64	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	180440	5.41	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	76908	5.34	ug/L	99
19) 1,1-Dichloroethane	3.191	63	134544	5.29	ug/L	98
21) 2-Butanone	4.002	43	187056	55.05	ug/L #	74
22) cis-1,2-Dichloroethene	3.915	96	85402	5.45	ug/L	99
23) Bromochloromethane	4.253	128	38738	5.50	ug/L	93
25) Chloroform	4.378	83	139926	5.37	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	76021	5.39	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	130710	5.38	ug/L	99
30) Cyclohexane	4.680	56	121876	5.10	ug/L	100
31) Carbon tetrachloride	4.828	117	118021	5.36	ug/L	99
33) Benzene	5.101	78	300828	5.33	ug/L	100
34) Trichloroethene	5.918	95	82005	5.29	ug/L	99
35) Methylcyclohexane	6.133	83	131261	5.14	ug/L	100
37) 1,2-Dichloropropane	6.175	63	73676	5.26	ug/L	99
38) Bromodichloromethane	6.513	83	100143	5.24	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	118706	5.29	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	466928	54.49	ug/L	99
42) Toluene	7.391	91	337109	5.40	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	98935	5.37	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	56379	5.44	ug/L	98
47) Tetrachloroethene	7.976	164	75204	5.32	ug/L	99
48) 2-Hexanone	8.143	43	323240	55.49	ug/L	99
49) Dibromochloromethane	8.249	129	75615	5.38	ug/L	99
50) 1,2-Dibromoethane	8.355	107	53398	5.35	ug/L	97
51) Chlorobenzene	8.883	112	221653	5.38	ug/L	98
52) Ethylbenzene	9.014	91	376055	5.39	ug/L	100
53) m,p-xylene	9.140	106	144784	5.38	ug/L	99
54) o-xylene	9.545	106	143331	5.45	ug/L	100
55) Styrene	9.561	104	240450	5.43	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	66475	5.45	ug/L	99
59) Bromoform	9.735	173	48362	5.44	ug/L	97
60) Isopropylbenzene	9.931	105	392060	5.38	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	47663	5.45	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	330597	5.33	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	334683	5.28	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	193515	5.40	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	189639	5.30	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	178840	5.39	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	11695	5.47	ug/L	99
69) 1,3,5-Trichlorobenzene	12.644	180	171100	5.30	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	140698	5.25	ug/L	99
71) Naphthalene	13.503	128	225157	5.37	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	129885	5.47	ug/L	98

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

