

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052521\
 Data File : VW021411.D
 Acq On : 26 May 2021 00:25
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005173

Quant Time: May 26 07:56:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 26 07:52:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	241810	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	226799	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	128320	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	49169	4.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	1.564	69	48591	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.108	63	97304	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.40%
20) 2-Butanone-d5	3.915	46	236100	64.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.40%
24) Chloroform-d	4.352	84	145147	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.037	65	69331	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.053	84	275570	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.072	67	89146	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.317	98	250526	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloroprop...	7.625	79	35590	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.092	63	209713	60.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.94%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	78425	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.00%
66) 1,2-Dichlorobenzene-d4	11.625	152	114981	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	85641	5.28	ug/L	99
3) Chloromethane	1.240	50	76448	5.37	ug/L	98
5) Vinyl chloride	1.307	62	80509	5.44	ug/L	99
6) Bromomethane	1.519	94	53684	5.55	ug/L	99
8) Chloroethane	1.584	64	48859	5.48	ug/L	98
9) Trichlorofluoromethane	1.751	101	124841	5.47	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	67787	5.33	ug/L	98
12) 1,1-Dichloroethene	2.114	96	65230	5.44	ug/L	91
13) Acetone	2.224	43	118033	56.93	ug/L #	38
14) Carbon disulfide	2.291	76	214951	5.33	ug/L	100
15) Methyl Acetate	2.445	43	31888	6.52	ug/L	96
16) Methylene chloride	2.507	84	100910	5.12	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	197246	5.69	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	81073	5.42	ug/L	99
19) 1,1-Dichloroethane	3.191	63	142161	5.38	ug/L	98
21) 2-Butanone	4.002	43	218255	61.80	ug/L	87
22) cis-1,2-Dichloroethene	3.915	96	89703	5.51	ug/L	100
23) Bromochloromethane	4.252	128	42169	5.76	ug/L	91
25) Chloroform	4.378	83	146722	5.42	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	83047	5.67	ug/L	100
29) 1,1,1-Trichloroethane	4.613	97	137063	5.39	ug/L	99
30) Cyclohexane	4.677	56	129374	5.16	ug/L	100
31) Carbon tetrachloride	4.828	117	125538	5.44	ug/L	99
33) Benzene	5.101	78	319516	5.40	ug/L	100
34) Trichloroethene	5.918	95	86985	5.35	ug/L	99
35) Methylcyclohexane	6.133	83	136916	5.12	ug/L	100
37) 1,2-Dichloropropane	6.178	63	78038	5.31	ug/L	99
38) Bromodichloromethane	6.513	83	109405	5.46	ug/L	97
39) cis-1,3-Dichloropropene	7.030	75	122146	5.20	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	541935	60.32	ug/L	99
42) Toluene	7.391	91	355085	5.43	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	103662	5.37	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	62157	5.73	ug/L	97
47) Tetrachloroethene	7.979	164	78724	5.31	ug/L	98
48) 2-Hexanone	8.143	43	386028	63.21	ug/L	99
49) Dibromochloromethane	8.249	129	82693	5.61	ug/L	99
50) 1,2-Dibromoethane	8.355	107	60243	5.76	ug/L	100
51) Chlorobenzene	8.882	112	235684	5.45	ug/L	99
52) Ethylbenzene	9.014	91	397893	5.43	ug/L	100
53) m,p-xylene	9.140	106	151285	5.36	ug/L	99
54) o-xylene	9.545	106	148419	5.38	ug/L	99
55) Styrene	9.561	104	256170	5.51	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	76934	6.02	ug/L	97
59) Bromoform	9.735	173	53910	5.81	ug/L	99
60) Isopropylbenzene	9.931	105	411042	5.41	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	54111	5.93	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	345244	5.34	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	354121	5.35	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	204373	5.46	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	202264	5.42	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	190941	5.52	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	13024	5.84	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	178845	5.31	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	154371	5.53	ug/L	99
71) Naphthalene	13.503	128	263189	6.02	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	142311	5.74	ug/L	99

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

