

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061222\
 Data File : VW026197.D
 Acq On : 13 Jun 2022 05:51
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005310

Quant Time: Jun 13 06:41:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 02:52:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	188624	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	179835	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	90499	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.326	65	110401	4.476	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.600%
7) Chloroethane-d5	1.587	69	88680	4.564	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.127	63	179672	4.530	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	3.915	46	86288	46.889	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.780%
24) Chloroform-d	4.365	84	163875	4.685	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.043	65	64586	4.579	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.063	84	330223	4.710	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.075	67	93576	4.629	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.320	98	307747	4.930	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	7.625	79	27339	4.480	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.091	63	83195	43.787	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	52543	4.362	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	87631	4.320	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.150	85	81409	4.695	ug/L	98
3) Chloromethane	1.259	50	88158	4.684	ug/L	100
5) Vinyl chloride	1.330	62	92718	4.705	ug/L	99
6) Bromomethane	1.542	94	51201	4.446	ug/L	100
8) Chloroethane	1.603	64	57997	4.717	ug/L	100
9) Trichlorofluoromethane	1.773	101	125161	4.715	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.137	101	70287	4.660	ug/L	98
12) 1,1-Dichloroethene	2.137	96	69549	4.822	ug/L	90
13) Acetone	2.204	43	41288	39.296	ug/L	99
14) Carbon disulfide	2.313	76	168045	4.588	ug/L	99
15) Methyl Acetate	2.461	43	11843	3.860	ug/L #	86
16) Methylene chloride	2.526	84	68517	4.609	ug/L	97
17) Methyl tert-butyl Ether	2.789	73	107169	4.570	ug/L	100
18) trans-1,2-Dichloroethene	2.780	96	65131	4.710	ug/L	96
19) 1,1-Dichloroethane	3.207	63	127731	4.813	ug/L	100
21) 2-Butanone	4.005	43	67294	47.052	ug/L	94
22) cis-1,2-Dichloroethene	3.931	96	67116	4.824	ug/L	99
23) Bromochloromethane	4.265	128	27253	4.692	ug/L	93
25) Chloroform	4.391	83	134354	4.844	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	59696	4.631	ug/L	99
29) 1,1,1-Trichloroethane	4.622	97	114651	4.862	ug/L	99
30) Cyclohexane	4.693	56	84889	4.701	ug/L	99
31) Carbon tetrachloride	4.841	117	92455	4.851	ug/L	100
33) Benzene	5.111	78	278802	5.126	ug/L	100
34) Trichloroethene	5.921	95	69958	4.762	ug/L	97
35) Methylcyclohexane	6.136	83	90468	4.555	ug/L	100
37) 1,2-Dichloropropane	6.182	63	69288	4.917	ug/L	99
38) Bromodichloromethane	6.516	83	82224	4.900	ug/L	98
39) cis-1,3-Dichloropropene	7.034	75	65530	4.169	ug/L	98
40) 4-Methyl-2-pentanone	7.233	43	249526	49.489	ug/L	97
42) Toluene	7.390	91	301689	5.239	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	58544	4.735	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	42420	4.783	ug/L	96
47) Tetrachloroethene	7.979	164	49883	4.729	ug/L	98
48) 2-Hexanone	8.143	43	173183	48.368	ug/L	96
49) Dibromochloromethane	8.249	129	45856	4.737	ug/L	94
50) 1,2-Dibromoethane	8.355	107	37459	4.938	ug/L	99
51) Chlorobenzene	8.882	112	177450	4.793	ug/L	98
52) Ethylbenzene	9.014	91	279438	4.891	ug/L	100
53) m,p-Xylene	9.140	106	110385	5.047	ug/L	98
54) o-Xylene	9.545	106	103746	4.906	ug/L	99
55) Styrene	9.561	104	186811	5.358	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	41288	4.593	ug/L	98
59) Bromoform	9.731	173	19826	4.561	ug/L	99
60) Isopropylbenzene	9.931	105	280334	4.737	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	31664	4.561	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	210130	4.503	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	210007	4.572	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	131506	4.660	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	128226	4.581	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	115470	4.564	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5067	4.159	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	85161	4.294	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	58752	4.115	ug/L	99
71) Naphthalene	13.500	128	78021	3.910	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	50021	4.244	ug/L	95

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

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