

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062122\
 Data File : VW026477.D
 Acq On : 21 Jun 2022 10:23
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005331

Quant Time: Jun 22 04:31:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 21 05:26:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	190856	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	177619	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	89943	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	63018	3.802	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.581	69	54984	4.218	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.121	63	121488	4.268	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	3.931	46	89175	55.130	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.260%
24) Chloroform-d	4.359	84	128052	5.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	5.040	65	50383	4.901	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.056	84	244504	5.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	6.072	67	71538	5.162	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.317	98	230213	5.317	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
43) trans-1,3-Dichloroprop...	7.625	79	20219	4.499	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.092	63	74326	54.750	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.500%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48794	5.715	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	71741	5.178	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	67229	4.711	ug/L	100
3) Chloromethane	1.253	50	64566	4.075	ug/L	98
5) Vinyl chloride	1.323	62	73625	4.469	ug/L	92
6) Bromomethane	1.536	94	37966	4.123	ug/L	96
8) Chloroethane	1.597	64	49975	4.886	ug/L	93
9) Trichlorofluoromethane	1.767	101	109448	4.813	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	66828	5.067	ug/L	100
12) 1,1-Dichloroethene	2.130	96	59813	4.960	ug/L	98
13) Acetone	2.211	43	56173	44.811	ug/L	93
14) Carbon disulfide	2.307	76	126353	4.250	ug/L	100
15) Methyl Acetate	2.462	43	16702	5.553	ug/L	99
16) Methylene chloride	2.519	84	65128	4.234	ug/L	98
17) Methyl tert-butyl Ether	2.783	73	108650	5.241	ug/L	100
18) trans-1,2-Dichloroethene	2.773	96	58913	5.038	ug/L	96
19) 1,1-Dichloroethane	3.201	63	115886	5.196	ug/L	97
21) 2-Butanone	4.011	43	83722	51.616	ug/L	90
22) cis-1,2-Dichloroethene	3.925	96	63626	5.378	ug/L	93
23) Bromochloromethane	4.262	128	27643	5.506	ug/L	88
25) Chloroform	4.384	83	124032	5.127	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	56311	5.114	ug/L	98
29) 1,1,1-Trichloroethane	4.616	97	107024	5.453	ug/L	98
30) Cyclohexane	4.683	56	71649	4.881	ug/L	99
31) Carbon tetrachloride	4.834	117	86832	5.224	ug/L	98
33) Benzene	5.105	78	246372	5.410	ug/L	100
34) Trichloroethene	5.918	95	61908	4.980	ug/L	97
35) Methylcyclohexane	6.133	83	83742	4.869	ug/L	98
37) 1,2-Dichloropropane	6.175	63	63470	5.329	ug/L #	97
38) Bromodichloromethane	6.513	83	77275	5.349	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	66900	4.921	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	241022	55.036	ug/L	98
42) Toluene	7.387	91	272478	5.689	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	52617	4.847	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	42714	5.464	ug/L	94
47) Tetrachloroethene	7.976	164	50018	5.432	ug/L	98
48) 2-Hexanone	8.140	43	171287	54.591	ug/L	98
49) Dibromochloromethane	8.246	129	45481	5.253	ug/L	100
50) 1,2-Dibromoethane	8.352	107	36151	5.427	ug/L	96
51) Chlorobenzene	8.879	112	169029	5.405	ug/L	99
52) Ethylbenzene	9.011	91	263436	5.487	ug/L	99
53) m,p-Xylene	9.137	106	105433	5.633	ug/L	94
54) o-Xylene	9.542	106	98859	5.453	ug/L	95
55) Styrene	9.561	104	175219	5.755	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	47730	6.019	ug/L	97
59) Bromoform	9.731	173	19591	4.961	ug/L	100
60) Isopropylbenzene	9.931	105	270926	5.650	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	31721	5.435	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	205061	5.390	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	210024	5.577	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	134661	5.715	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	131922	5.510	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	117330	5.622	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	5691	5.505	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	94508	5.548	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	66977	5.331	ug/L	98
71) Naphthalene	13.500	128	89747	5.144	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	56979	5.417	ug/L	96

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

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