

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030921\
 Data File : VW020473.D
 Acq On : 09 Mar 2021 10:02
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00543

Quant Time: Mar 10 00:16:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVTR022221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Feb 27 01:11:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	285662	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	274218	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.255	152	155557	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.304	65	101632	5.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.00%
7) Chloroethane-d5	1.565	69	77290	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.105	63	180149	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.00%
20) 2-Butanone-d5	3.915	46	151835	43.58	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.16%
24) Chloroform-d	4.349	84	171661	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
26) 1,2-Dichloroethane-d4	5.034	65	79806	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.050	84	347210	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.072	67	98927	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.317	98	348547	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
45) trans-1,3-Dichloroprop...	7.625	79	38024	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
48) 2-Hexanone-d5	8.095	63	127239	46.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.40%
59) 1,1,2,2-Tetrachloroeth...	10.220	84	65795	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
65) 1,2-Dichlorobenzene-d4	11.632	152	138040	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.127	85	170753	4.80	ug/L	99
3) Chloromethane	1.240	50	128243	4.08	ug/L	95
5) Vinyl chloride	1.307	62	141648	4.23	ug/L	100
6) Bromomethane	1.519	94	94324	4.36	ug/L	98
8) Chloroethane	1.584	64	81764	4.05	ug/L	97
9) Trichlorofluoromethane	1.751	101	214413	4.56	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	122769	4.91	ug/L	93
12) 1,1-Dichloroethene	2.114	96	113590	4.67	ug/L	76
13) Acetone	2.217	43	127107	40.24	ug/L	82
14) Carbon disulfide	2.288	76	317173	4.23	ug/L	98
15) Methyl Acetate	2.446	43	29975	3.92	ug/L	94
16) Methylene chloride	2.503	84	112861	4.31	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	215022	4.29	ug/L	# 94
18) trans-1,2-Dichloroethene	2.757	96	115213	4.52	ug/L	94
19) 1,1-Dichloroethane	3.188	63	190629	4.25	ug/L	97
21) 2-Butanone	3.998	43	195392	40.56	ug/L	92
22) cis-1,2-Dichloroethene	3.912	96	119936	4.53	ug/L	90
23) Bromochloromethane	4.249	128	55683	4.82	ug/L	90
25) Chloroform	4.375	83	214108	4.51	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	114714	4.22	ug/L	96
29) 1,1,1-Trichloroethane	4.606	97	193848	4.74	ug/L	95
30) Cyclohexane	4.674	56	164596	4.48	ug/L	94
31) Carbon tetrachloride	4.828	117	172570	4.93	ug/L	98
33) Benzene	5.098	78	449062	4.52	ug/L	100
34) Trichloroethene	5.915	95	129067	4.63	ug/L	98
35) Methylcyclohexane	6.130	83	194812	4.83	ug/L	94
37) 1,2-Dichloropropane	6.175	63	104035	4.39	ug/L	98
38) Bromodichloromethane	6.513	83	140148	4.55	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	152639	4.59	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	490396	41.75	ug/L #	91
42) Toluene	7.387	91	510162	4.74	ug/L	100
43) 1,3,5-Trimethylbenzene	10.545	105	482174	5.06	ug/L	99
44) 1,2,4-Trimethylbenzene	10.918	105	490576	5.06	ug/L	97
46) trans-1,3-Dichloropropene	7.654	75	124204	4.57	ug/L	98
47) 1,1,2-Trichloroethane	7.841	97	77865	4.55	ug/L	92
49) Tetrachloroethene	7.976	164	116899	5.06	ug/L	95
50) 2-Hexanone	8.143	43	352159	42.77	ug/L	90
51) Dibromochloromethane	8.249	129	99118	4.98	ug/L	94
52) 1,2-Dibromoethane	8.355	107	74830	4.82	ug/L	97
53) Chlorobenzene	8.886	112	343488	4.83	ug/L	97
54) Ethylbenzene	9.014	91	558565	4.74	ug/L	99
55) m,p-xylene	9.143	106	221899	4.99	ug/L	97
56) o-xylene	9.548	106	210111	4.92	ug/L	93
57) Styrene	9.564	104	363115	5.06	ug/L	92
58) Isopropylbenzene	9.937	105	580094	5.00	ug/L	98
60) 1,1,2,2-Tetrachloroethane	10.246	83	77253	4.25	ug/L	99
62) Bromoform	9.735	173	54478	4.98	ug/L	97
63) 1,3-Dichlorobenzene	11.188	146	298512	4.81	ug/L	97
64) 1,4-Dichlorobenzene	11.278	146	301329	4.78	ug/L	97
66) 1,2-Dichlorobenzene	11.648	146	269182	4.77	ug/L	99
67) 1,2-Dibromo-3-chloropr...	12.435	75	11151	4.02	ug/L	90
68) 1,3,5-Trichlorobenzene	12.651	180	251406	4.99	ug/L	99
69) 1,2,4-trichlorobenzene	13.268	180	199905	4.99	ug/L	99
70) Naphthalene	13.509	128	254867	4.56	ug/L	98
71) 1,2,3-Trichlorobenzene	13.751	180	177712	5.09	ug/L	97

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

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