

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051120\
 Data File : VV015980.D
 Acq On : 11 May 2020 11:04
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00539

Quant Time: May 12 00:57:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon May 11 12:47:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	147571	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	143138	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	73704	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	33239	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.58	69	33068	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.12	63	77618	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.20%
20) 2-Butanone-d5	3.94	46	112679	49.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.68%
24) Chloroform-d	4.38	84	85268	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.06	65	49340	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.07	84	161648	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.09	67	52109	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.34	98	152463	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
45) trans-1,3-Dichloropropene-	7.64	79	20170	4.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.80%
48) 2-Hexanone-d5	8.11	63	87537	48.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.68%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37277	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	56676	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	59273	5.242	ug/L 99
3) Chloromethane	1.25	50	60061	5.246	ug/L 100
5) Vinyl chloride	1.32	62	56743	5.183	ug/L 99
6) Bromomethane	1.53	94	30554	4.918	ug/L 99
8) Chloroethane	1.59	64	35362	4.534	ug/L 99
9) Trichlorofluoromethane	1.76	101	81142	5.404	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	44253	5.217	ug/L 97
12) 1,1-Dichloroethene	2.13	96	42620	5.248	ug/L 88
13) Acetone	2.23	43	73784	48.979	ug/L 65
14) Carbon disulfide	2.31	76	140326	5.234	ug/L 100
15) Methyl Acetate	2.46	43	19335	5.554	ug/L 97
16) Methylene chloride	2.52	84	50450	5.192	ug/L 97
17) Methyl tert-butyl Ether	2.79	73	109015	5.166	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	48730	5.430	ug/L 98
19) 1,1-Dichloroethane	3.21	63	92294	5.339	ug/L 98
21) 2-Butanone	4.02	43	110389	48.116	ug/L 94
22) cis-1,2-Dichloroethene	3.94	96	50274	5.351	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	21095	5.261	ug/L	97
25) Chloroform	4.40	83	99318	5.217	ug/L	99
27) 1,2-Dichloroethane	5.16	62	61884	5.291	ug/L	98
29) 1,1,1-Trichloroethane	4.63	97	85150	5.394	ug/L	99
30) Cyclohexane	4.70	56	83460	5.276	ug/L	98
31) Carbon tetrachloride	4.85	117	74080	5.438	ug/L	100
33) Benzene	5.12	78	197172	5.475	ug/L	100
34) Trichloroethene	5.94	95	53268	5.182	ug/L	96
35) Methylcyclohexane	6.15	83	82871	5.330	ug/L	98
37) 1,2-Dichloropropane	6.20	63	50287	5.496	ug/L	98
38) Bromodichloromethane	6.53	83	63963	5.505	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	68167	5.271	ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	303818	53.276	ug/L	100
42) Toluene	7.41	91	209575	5.490	ug/L	98
43) 1,3,5-Trimethylbenzene	10.56	105	193188	5.513	ug/L #	100
44) 1,2,4-Trimethylbenzene	10.94	105	190744	5.447	ug/L #	100
46) trans-1,3-Dichloropropene	7.67	75	59622	5.458	ug/L	98
47) 1,1,2-Trichloroethane	7.86	97	32895	5.384	ug/L	100
49) Tetrachloroethene	8.00	164	38649	5.389	ug/L	95
50) 2-Hexanone	8.16	43	216654	53.723	ug/L	100
51) Dibromochloromethane	8.27	129	37604	5.477	ug/L	96
52) 1,2-Dibromoethane	8.37	107	30411	5.367	ug/L	96
53) Chlorobenzene	8.90	112	131168	5.343	ug/L	98
54) Ethylbenzene	9.03	91	234535	5.403	ug/L	98
55) m,p-xylene	9.16	106	89034	5.540	ug/L	97
56) o-xylene	9.56	106	84224	5.481	ug/L	98
57) Styrene	9.58	104	144723	5.631	ug/L	98
58) Isopropylbenzene	9.95	105	229981	5.448	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	35792	5.482	ug/L	96
62) Bromoform	9.76	173	17931	5.296	ug/L	97
63) 1,3-Dichlorobenzene	11.20	146	105411	5.308	ug/L	98
64) 1,4-Dichlorobenzene	11.30	146	106075	5.317	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	96000	5.342	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	6041	5.150	ug/L	93
68) 1,3,5-Trichlorobenzene	12.67	180	77535	5.340	ug/L	99
69) 1,2,4-trichlorobenzene	13.28	180	65723	5.268	ug/L	97
70) Naphthalene	13.52	128	100853	5.083	ug/L	100
71) 1,2,3-Trichlorobenzene	13.77	180	57948	5.266	ug/L	98

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

