

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050820\
 Data File : VV015978.D
 Acq On : 08 May 2020 20:13
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00538

Quant Time: May 09 00:52:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 09 00:44:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	141438	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	139445	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	71275	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35691	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.58	69	35422	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.13	63	82631	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.20%
20) 2-Butanone-d5	3.92	46	118849	54.30	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.60%
24) Chloroform-d	4.38	84	86173	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.06	65	49044	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.08	84	170607	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.09	67	52115	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.34	98	161353	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
45) trans-1,3-Dichloropropene-	7.64	79	19012	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
48) 2-Hexanone-d5	8.11	63	91389	52.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.68%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38059	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	58336	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	58608	5.408	ug/L	100
3) Chloromethane	1.25	50	58276	5.311	ug/L	100
5) Vinyl chloride	1.32	62	55682	5.307	ug/L	96
6) Bromomethane	1.53	94	26718	4.487	ug/L	97
8) Chloroethane	1.60	64	38984	5.215	ug/L	95
9) Trichlorofluoromethane	1.77	101	81891	5.690	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	44930	5.527	ug/L	99
12) 1,1-Dichloroethene	2.13	96	42346	5.440	ug/L	89
13) Acetone	2.20	43	78952	54.682	ug/L	70
14) Carbon disulfide	2.31	76	135792	5.284	ug/L	99
15) Methyl Acetate	2.46	43	19334	5.795	ug/L	95
16) Methylene chloride	2.52	84	48236	5.179	ug/L	98
17) Methyl tert-butyl Ether	2.79	73	108401	5.360	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	47811	5.558	ug/L	95
19) 1,1-Dichloroethane	3.21	63	93140	5.622	ug/L	99
21) 2-Butanone	4.00	43	124501	56.621	ug/L	95
22) cis-1,2-Dichloroethene	3.94	96	50307	5.587	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	21256	5.531	ug/L	100
25) Chloroform	4.40	83	102161	5.599	ug/L	96
27) 1,2-Dichloroethane	5.16	62	61112	5.451	ug/L	100
29) 1,1,1-Trichloroethane	4.64	97	84371	5.487	ug/L	99
30) Cyclohexane	4.70	56	82786	5.372	ug/L	99
31) Carbon tetrachloride	4.86	117	71858	5.415	ug/L	98
33) Benzene	5.13	78	198469	5.657	ug/L	100
34) Trichloroethene	5.94	95	52659	5.259	ug/L	96
35) Methylcyclohexane	6.15	83	80933	5.343	ug/L	98
37) 1,2-Dichloropropane	6.20	63	51483	5.776	ug/L	99
38) Bromodichloromethane	6.53	83	61828	5.462	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	64419	5.113	ug/L	96
40) 4-Methyl-2-pentanone	7.25	43	319031	57.425	ug/L	99
42) Toluene	7.41	91	210360	5.657	ug/L	98
43) 1,3,5-Trimethylbenzene	10.56	105	190804	5.589	ug/L #	100
44) 1,2,4-Trimethylbenzene	10.94	105	192116	5.632	ug/L #	100
46) trans-1,3-Dichloropropene	7.67	75	53963	5.071	ug/L	97
47) 1,1,2-Trichloroethane	7.86	97	32902	5.528	ug/L	96
49) Tetrachloroethene	8.00	164	38572	5.520	ug/L	99
50) 2-Hexanone	8.16	43	228519	58.166	ug/L	100
51) Dibromochloromethane	8.27	129	35353	5.286	ug/L	96
52) 1,2-Dibromoethane	8.38	107	31565	5.718	ug/L #	95
53) Chlorobenzene	8.90	112	131686	5.506	ug/L	98
54) Ethylbenzene	9.03	91	235827	5.577	ug/L	99
55) m,p-xylene	9.16	106	88691	5.664	ug/L	94
56) o-xylene	9.57	106	84609	5.652	ug/L	98
57) Styrene	9.58	104	142465	5.690	ug/L	100
58) Isopropylbenzene	9.95	105	228102	5.546	ug/L	100
60) 1,1,2,2-Tetrachloroethane	10.26	83	36825	5.790	ug/L	96
62) Bromoform	9.76	173	15594	4.762	ug/L	97
63) 1,3-Dichlorobenzene	11.20	146	104861	5.461	ug/L	97
64) 1,4-Dichlorobenzene	11.30	146	103373	5.358	ug/L	98
66) 1,2-Dichlorobenzene	11.67	146	95985	5.523	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	6222	5.485	ug/L	95
68) 1,3,5-Trichlorobenzene	12.67	180	75306	5.364	ug/L	99
69) 1,2,4-trichlorobenzene	13.28	180	64777	5.370	ug/L	98
70) Naphthalene	13.53	128	102875	5.362	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	57793	5.430	ug/L	100

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

