

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011720\
 Data File : VV014325.D
 Acq On : 17 Jan 2020 08:58
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00538

Quant Time: Jan 17 22:41:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 17 12:50:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	872941	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	804499	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	379881	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	219316	3.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.80%
7) Chloroethane-d5	1.58	69	178638	3.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.60%
11) 1,1-Dichloroethene-d2	2.13	63	375041	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.20%
20) 2-Butanone-d5	3.94	46	549877	37.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.96%
24) Chloroform-d	4.40	84	515786	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.08	65	236611	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
32) Benzene-d6	5.09	84	1033667	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
36) 1,2-Dichloropropane-d6	6.11	67	329674	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.35	98	944865	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	7.66	79	130570	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.13	63	559703	40.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.30%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	230120	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	304148	4.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	302755	4.600	ug/L 99
3) Chloromethane	1.26	50	314861	4.813	ug/L 98
5) Vinyl chloride	1.32	62	300410	4.917	ug/L 99
6) Bromomethane	1.54	94	168555	4.863	ug/L 99
8) Chloroethane	1.60	64	167508	4.880	ug/L 99
9) Trichlorofluoromethane	1.77	101	384209	5.327	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	206866	5.295	ug/L 97
12) 1,1-Dichloroethene	2.14	96	198142	5.081	ug/L 98
13) Acetone	2.21	43	320262	31.696	ug/L 97
14) Carbon disulfide	2.32	76	838450	4.845	ug/L 100
15) Methyl Acetate	2.47	43	101389	4.310	ug/L 94
16) Methylene chloride	2.53	84	301341	4.746	ug/L 91
17) Methyl tert-butyl Ether	2.80	73	694079	4.809	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	301092	5.136	ug/L 98
19) 1,1-Dichloroethane	3.23	63	570589	4.966	ug/L 99
21) 2-Butanone	4.03	43	636995	42.028	ug/L 97
22) cis-1,2-Dichloroethene	3.96	96	328753	5.116	ug/L # 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.30	128	122358	5.008	ug/L	91
25) Chloroform	4.42	83	555778	5.052	ug/L	98
27) 1,2-Dichloroethane	5.17	62	315407	4.793	ug/L #	93
29) 1,1,1-Trichloroethane	4.65	97	487442	5.090	ug/L	99
30) Cyclohexane	4.72	56	560924	5.305	ug/L	98
31) Carbon tetrachloride	4.87	117	410821	5.009	ug/L	99
33) Benzene	5.14	78	1258206	5.078	ug/L	100
34) Trichloroethene	5.96	95	322406	5.064	ug/L	98
35) Methylcyclohexane	6.17	83	566479	5.442	ug/L	97
37) 1,2-Dichloropropane	6.22	63	310684	4.968	ug/L	99
38) Bromodichloromethane	6.55	83	396451	4.916	ug/L	97
39) cis-1,3-Dichloropropene	7.06	75	492225	4.862	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	1752649	44.459	ug/L	99
42) Toluene	7.43	91	1345762	5.145	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	380142	4.889	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	200229	5.012	ug/L	99
47) Tetrachloroethene	8.01	164	231294	5.317	ug/L	97
48) 2-Hexanone	8.18	43	1319174	48.380	ug/L	98
49) Dibromochloromethane	8.28	129	242897	4.809	ug/L	97
50) 1,2-Dibromoethane	8.39	107	188504	4.873	ug/L	96
51) Chlorobenzene	8.92	112	830464	5.163	ug/L	99
52) Ethylbenzene	9.05	91	1548060	5.291	ug/L	99
53) m,p-xylene	9.18	106	569056	5.272	ug/L	100
54) o-xylene	9.58	106	551121	5.192	ug/L	96
55) Styrene	9.60	104	929182	5.168	ug/L	100
56) Isopropylbenzene	9.97	105	1482477	5.355	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	243251	4.938	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	175385	4.707	ug/L	99
61) Bromoform	9.77	173	121532	4.720	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	613185	5.163	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	621234	5.261	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	561513	5.235	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	43548	4.417	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	443815	5.139	ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	385331	5.087	ug/L	99
69) Naphthalene	13.55	128	712072	4.627	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	332251	4.985	ug/L	98

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

