

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012420\
 Data File : VV014381.D
 Acq On : 24 Jan 2020 10:16
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00546

Quant Time: Jan 25 00:14:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 24 15:43:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	814101	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	748687	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	356420	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	236100	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.58	69	205310	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.13	63	381240	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.80%
20) 2-Butanone-d5	3.95	46	710080	51.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.78%
24) Chloroform-d	4.39	84	638614	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.00%
26) 1,2-Dichloroethane-d4	5.08	65	295292	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.09	84	1180733	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.11	67	390797	5.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.80%
41) Toluene-d8	7.35	98	971350	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	7.66	79	152892	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.13	63	790730	60.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.90%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	292776	6.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.80%#
64) 1,2-Dichlorobenzene-d4	11.67	152	362014	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	368753	6.008	ug/L	99
3) Chloromethane	1.25	50	385354	6.316	ug/L	99
5) Vinyl chloride	1.32	62	324909	5.702	ug/L	99
6) Bromomethane	1.54	94	138818	4.294	ug/L	100
8) Chloroethane	1.60	64	166052	5.187	ug/L	98
9) Trichlorofluoromethane	1.77	101	399209	5.935	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	219606	6.028	ug/L	97
12) 1,1-Dichloroethene	2.14	96	204858	5.632	ug/L	97
13) Acetone	2.21	43	451280	47.891	ug/L	98
14) Carbon disulfide	2.32	76	911930	5.650	ug/L	99
15) Methyl Acetate	2.47	43	143167	6.527	ug/L #	83
16) Methylene chloride	2.53	84	349708	5.906	ug/L	94
17) Methyl tert-butyl Ether	2.80	73	681526	5.063	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	309229	5.656	ug/L	95
19) 1,1-Dichloroethane	3.23	63	605053	5.646	ug/L	98
21) 2-Butanone	4.03	43	743375	52.592	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	342809	5.720	ug/L #	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	127565	5.599	ug/L	94
25) Chloroform	4.42	83	571304	5.569	ug/L	97
27) 1,2-Dichloroethane	5.17	62	319296	5.202	ug/L	96
29) 1,1,1-Trichloroethane	4.65	97	507635	5.696	ug/L	98
30) Cyclohexane	4.72	56	595204	6.049	ug/L	98
31) Carbon tetrachloride	4.87	117	419050	5.491	ug/L	99
33) Benzene	5.14	78	1318790	5.719	ug/L	100
34) Trichloroethene	5.95	95	338456	5.712	ug/L	98
35) Methylcyclohexane	6.17	83	602097	6.215	ug/L	99
37) 1,2-Dichloropropane	6.22	63	325575	5.594	ug/L	99
38) Bromodichloromethane	6.55	83	398430	5.309	ug/L	96
39) cis-1,3-Dichloropropene	7.06	75	505055	5.360	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	1887326	51.444	ug/L	98
42) Toluene	7.42	91	1398714	5.747	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	381603	5.274	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	203686	5.479	ug/L	99
47) Tetrachloroethene	8.01	164	239062	5.906	ug/L	98
48) 2-Hexanone	8.18	43	1515857	59.737	ug/L	98
49) Dibromochloromethane	8.28	129	246313	5.240	ug/L	99
50) 1,2-Dibromoethane	8.39	107	191266	5.313	ug/L	94
51) Chlorobenzene	8.92	112	845465	5.648	ug/L	98
52) Ethylbenzene	9.05	91	1592216	5.848	ug/L	99
53) m,p-xylene	9.18	106	588551	5.859	ug/L	98
54) o-xylene	9.58	106	569769	5.768	ug/L	100
55) Styrene	9.60	104	939472	5.615	ug/L	98
56) Isopropylbenzene	9.97	105	1522949	5.911	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	254904	5.560	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	180973	5.219	ug/L	100
61) Bromoform	9.77	173	121813	5.042	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	639442	5.739	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	630023	5.686	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	565370	5.618	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	41542	4.491	ug/L	94
67) 1,3,5-Trichlorobenzene	12.68	180	471214	5.815	ug/L	97
68) 1,2,4-trichlorobenzene	13.30	180	397904	5.599	ug/L	99
69) Naphthalene	13.54	128	722175	5.001	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	353355	5.650	ug/L	98

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

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