

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012720\
 Data File : VV014413.D
 Acq On : 27 Jan 2020 19:01
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00549

Quant Time: Jan 28 03:16:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 28 03:12:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	910888	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	846114	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	398548	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	267077	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.59	69	204992	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.20%
11) 1,1-Dichloroethene-d2	2.13	63	398291	4.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.80%
20) 2-Butanone-d5	3.92	46	758491	49.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.08%
24) Chloroform-d	4.40	84	598798	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.08	65	285930	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.10	84	1255779	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.11	67	393453	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.36	98	1174589	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
43) trans-1,3-Dichloropropene-	7.66	79	151278	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.13	63	701012	47.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.62%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	283220	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	379051	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	325463	4.739	ug/L 100
3) Chloromethane	1.26	50	310179	4.544	ug/L 98
5) Vinyl chloride	1.33	62	315843	4.954	ug/L 98
6) Bromomethane	1.54	94	157739	4.361	ug/L 99
8) Chloroethane	1.60	64	155352	4.337	ug/L 97
9) Trichlorofluoromethane	1.77	101	376850	5.008	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	205391	5.038	ug/L 97
12) 1,1-Dichloroethene	2.14	96	186088	4.573	ug/L 94
13) Acetone	2.19	43	324380	30.766	ug/L 99
14) Carbon disulfide	2.32	76	730353	4.044	ug/L 98
15) Methyl Acetate	2.46	43	108367	4.415	ug/L 96
16) Methylene chloride	2.54	84	353818	5.341	ug/L 93
17) Methyl tert-butyl Ether	2.80	73	651052	4.323	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	275288	4.500	ug/L 98
19) 1,1-Dichloroethane	3.23	63	546165	4.555	ug/L 97
21) 2-Butanone	4.01	43	657000	41.543	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	318835	4.755	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	116072	4.553	ug/L	91
25) Chloroform	4.42	83	554697	4.832	ug/L	97
27) 1,2-Dichloroethane	5.18	62	299925	4.367	ug/L	94
29) 1,1,1-Trichloroethane	4.66	97	458312	4.550	ug/L	99
30) Cyclohexane	4.72	56	521383	4.688	ug/L	98
31) Carbon tetrachloride	4.88	117	384042	4.452	ug/L	99
33) Benzene	5.15	78	1218551	4.676	ug/L	100
34) Trichloroethene	5.96	95	303240	4.528	ug/L	98
35) Methylcyclohexane	6.17	83	517267	4.724	ug/L	98
37) 1,2-Dichloropropane	6.22	63	298493	4.538	ug/L	100
38) Bromodichloromethane	6.55	83	375238	4.424	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	452788	4.252	ug/L	98
40) 4-Methyl-2-pentanone	7.26	43	1717040	41.414	ug/L	100
42) Toluene	7.43	91	1286053	4.675	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	345291	4.223	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	192827	4.589	ug/L	98
47) Tetrachloroethene	8.02	164	210782	4.607	ug/L	99
48) 2-Hexanone	8.18	43	1226526	42.770	ug/L	98
49) Dibromochloromethane	8.29	129	234278	4.410	ug/L	96
50) 1,2-Dibromoethane	8.39	107	180708	4.441	ug/L	96
51) Chlorobenzene	8.92	112	800405	4.732	ug/L	99
52) Ethylbenzene	9.05	91	1455787	4.731	ug/L	99
53) m,p-xylene	9.18	106	537941	4.739	ug/L	100
54) o-xylene	9.58	106	527954	4.729	ug/L	97
55) Styrene	9.60	104	870690	4.604	ug/L	98
56) Isopropylbenzene	9.97	105	1403577	4.820	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	247890	4.784	ug/L	97
59) 1,2,3-Trichloropropane	10.31	75	174037	4.441	ug/L	97
61) Bromoform	9.77	173	113392	4.197	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	596850	4.790	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	597818	4.825	ug/L	100
65) 1,2-Dichlorobenzene	11.68	146	538110	4.782	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	36801	3.558	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	426986	4.712	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	353391	4.447	ug/L	99
69) Naphthalene	13.55	128	647442	4.010	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	306292	4.380	ug/L	99

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

