

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042220\
 Data File : VV015649.D
 Acq On : 23 Apr 2020 02:15
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00558

Quant Time: Apr 23 03:14:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 23 03:05:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	129516	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	121937	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	63517	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	33564	4.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.20%
7) Chloroethane-d5	1.58	69	34200	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.12	63	76239	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.00%
20) 2-Butanone-d5	3.91	46	116892	53.79	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.58%
24) Chloroform-d	4.38	84	84478	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.06	65	46752	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.07	84	155880	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
36) 1,2-Dichloropropane-d6	6.09	67	49082	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.34	98	147305	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
43) trans-1,3-Dichloropropene-	7.64	79	17099	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.11	63	94860	54.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.18%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	36757	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	54621	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	56554	5.098	ug/L	99
3) Chloromethane	1.25	50	47277	4.926	ug/L	97
5) Vinyl chloride	1.32	62	51861	5.060	ug/L	96
6) Bromomethane	1.53	94	14496	3.294	ug/L	96
8) Chloroethane	1.59	64	33457	4.970	ug/L	95
9) Trichlorofluoromethane	1.76	101	76420	5.312	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	42285	5.196	ug/L	98
12) 1,1-Dichloroethene	2.13	96	38897	5.160	ug/L	94
13) Acetone	2.19	43	73252	48.540	ug/L	100
14) Carbon disulfide	2.31	76	104492	4.904	ug/L	99
15) Methyl Acetate	2.45	43	19080	5.316	ug/L	98
16) Methylene chloride	2.52	84	47111	5.062	ug/L	99
17) Methyl tert-butyl Ether	2.79	73	110153	5.206	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	44046	5.219	ug/L	97
19) 1,1-Dichloroethane	3.21	63	86314	5.208	ug/L	99
21) 2-Butanone	3.99	43	118754	51.017	ug/L	99
22) cis-1,2-Dichloroethene	3.94	96	46796	5.014	ug/L	95

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

23) Bromochloromethane	4.28	128	19917	5.225	ug/L	98
25) Chloroform	4.40	83	92848	5.277	ug/L	99
27) 1,2-Dichloroethane	5.16	62	60704	5.252	ug/L	99
29) 1,1,1-Trichloroethane	4.64	97	80665	5.216	ug/L	99
30) Cyclohexane	4.70	56	75819	5.132	ug/L	99
31) Carbon tetrachloride	4.86	117	64850	5.064	ug/L	97
33) Benzene	5.13	78	183295	5.261	ug/L	100
34) Trichloroethene	5.94	95	49616	5.157	ug/L	99
35) Methylcyclohexane	6.15	83	73360	4.968	ug/L	99
37) 1,2-Dichloropropane	6.20	63	47633	5.379	ug/L	99
38) Bromodichloromethane	6.53	83	56659	5.039	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	59342	4.808	ug/L	95
40) 4-Methyl-2-pentanone	7.25	43	301163	52.402	ug/L	100
42) Toluene	7.41	91	195373	5.249	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	48920	4.716	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	31216	5.172	ug/L	99
47) Tetrachloroethene	8.00	164	34973	5.049	ug/L	97
48) 2-Hexanone	8.16	43	215549	52.594	ug/L	100
49) Dibromochloromethane	8.27	129	30436	4.873	ug/L	98
50) 1,2-Dibromoethane	8.37	107	29104	5.214	ug/L	97
51) Chlorobenzene	8.90	112	125382	5.142	ug/L	99
52) Ethylbenzene	9.03	91	224008	5.200	ug/L	99
53) m,p-xylene	9.16	106	83243	5.276	ug/L	99
54) o-xylene	9.57	106	81075	5.310	ug/L	97
55) Styrene	9.58	104	136753	5.279	ug/L	100
56) Isopropylbenzene	9.95	105	222438	5.193	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	37373	5.303	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	29855	5.281	ug/L	98
61) Bromoform	9.75	173	11861	4.524	ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	100396	4.994	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	101279	4.996	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	91912	5.055	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	6109	5.157	ug/L	95
67) 1,3,5-Trichlorobenzene	12.67	180	72269	4.865	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	65674	4.803	ug/L	100
69) Naphthalene	13.52	128	115514	4.720	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	58542	4.851	ug/L	99

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

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