

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042920\
 Data File : VV015824.D
 Acq On : 30 Apr 2020 05:37
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00549

Quant Time: Apr 30 08:49:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 30 01:35:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	136456	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	130353	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	66598	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	40172	5.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.60%
7) Chloroethane-d5	1.58	69	35563	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.12	63	81977	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.00%
20) 2-Butanone-d5	3.90	46	98537	43.03	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.06%
24) Chloroform-d	4.38	84	71131	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	5.06	65	42617	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.08	84	147293	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.09	67	45216	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.34	98	136472	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.64	79	15331	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.11	63	76487	40.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.60%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	32175	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	48397	4.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	59620	5.101	ug/L 99
3) Chloromethane	1.25	50	56555	5.593	ug/L 100
5) Vinyl chloride	1.32	62	55638	5.152	ug/L 99
6) Bromomethane	1.53	94	26294	5.671	ug/L 98
8) Chloroethane	1.59	64	37400	5.273	ug/L 97
9) Trichlorofluoromethane	1.76	101	84184	5.555	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	45139	5.265	ug/L 98
12) 1,1-Dichloroethene	2.13	96	42368	5.335	ug/L 96
13) Acetone	2.18	43	78446	49.338	ug/L 99
14) Carbon disulfide	2.31	76	112561	5.014	ug/L 100
15) Methyl Acetate	2.45	43	19788	5.233	ug/L 96
16) Methylene chloride	2.52	84	48181	4.914	ug/L 98
17) Methyl tert-butyl Ether	2.78	73	121007	5.428	ug/L 98
18) trans-1,2-Dichloroethene	2.78	96	47650	5.358	ug/L 98
19) 1,1-Dichloroethane	3.21	63	97967	5.611	ug/L 99
21) 2-Butanone	3.99	43	127404	51.949	ug/L 99
22) cis-1,2-Dichloroethene	3.94	96	53045	5.395	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	21082	5.250	ug/L	97
25) Chloroform	4.40	83	108601	5.859	ug/L	98
27) 1,2-Dichloroethane	5.16	62	65758	5.400	ug/L	98
29) 1,1,1-Trichloroethane	4.64	97	87710	5.306	ug/L	99
30) Cyclohexane	4.70	56	83665	5.297	ug/L	100
31) Carbon tetrachloride	4.86	117	73509	5.369	ug/L	99
33) Benzene	5.13	78	203382	5.461	ug/L	100
34) Trichloroethene	5.94	95	53386	5.191	ug/L	97
35) Methylcyclohexane	6.15	83	80223	5.082	ug/L	99
37) 1,2-Dichloropropane	6.20	63	52693	5.566	ug/L	100
38) Bromodichloromethane	6.53	83	64035	5.327	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	65411	4.957	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	322446	52.483	ug/L	99
42) Toluene	7.41	91	216341	5.437	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	55403	4.996	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	35656	5.526	ug/L	95
47) Tetrachloroethene	8.00	164	39473	5.330	ug/L	97
48) 2-Hexanone	8.16	43	229537	52.391	ug/L	99
49) Dibromochloromethane	8.27	129	36563	5.476	ug/L	99
50) 1,2-Dibromoethane	8.37	107	32238	5.403	ug/L	93
51) Chlorobenzene	8.90	112	137939	5.291	ug/L	98
52) Ethylbenzene	9.03	91	249186	5.411	ug/L	99
53) m,p-xylene	9.16	106	92704	5.496	ug/L	98
54) o-xylene	9.57	106	89521	5.485	ug/L	100
55) Styrene	9.58	104	153244	5.533	ug/L	96
56) Isopropylbenzene	9.95	105	243400	5.316	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	40203	5.336	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	31445	5.203	ug/L	99
61) Bromoform	9.76	173	15066	5.480	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	110534	5.244	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	110434	5.195	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	101912	5.346	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.45	75	6409	5.160	ug/L	91
67) 1,3,5-Trichlorobenzene	12.67	180	80425	5.163	ug/L	96
68) 1,2,4-trichlorobenzene	13.29	180	70560	4.922	ug/L	100
69) Naphthalene	13.53	128	116833	4.553	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	62187	4.915	ug/L	98

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

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