

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022820\
 Data File : VV014722.D
 Acq On : 28 Feb 2020 21:17
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00556

Quant Time: Feb 28 23:41:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 28 23:36:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	270106	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	260872	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	134648	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102628	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.58	69	80235	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.13	63	173114	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.20%
20) 2-Butanone-d5	3.98	46	222396	50.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.76%
24) Chloroform-d	4.40	84	188941	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.08	65	94720	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.09	84	372819	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.11	67	116257	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.35	98	345374	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	7.66	79	43872	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.13	63	179165	48.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.78%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	84065	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	123038	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	138554	4.670	ug/L	99
3) Chloromethane	1.25	50	126697	4.638	ug/L	99
5) Vinyl chloride	1.32	62	117724	4.687	ug/L	99
6) Bromomethane	1.53	94	68214	4.821	ug/L	96
8) Chloroethane	1.60	64	65161	4.632	ug/L	98
9) Trichlorofluoromethane	1.77	101	164208	4.800	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	85345	4.767	ug/L	96
12) 1,1-Dichloroethene	2.14	96	81703	4.800	ug/L	99
13) Acetone	2.24	43	116870	39.732	ug/L	98
14) Carbon disulfide	2.31	76	243042	4.188	ug/L	99
15) Methyl Acetate	2.48	43	31940	4.279	ug/L #	91
16) Methylene chloride	2.53	84	100394	4.716	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	221027	4.773	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	96527	4.691	ug/L	97
19) 1,1-Dichloroethane	3.23	63	193654	4.811	ug/L	99
21) 2-Butanone	4.06	43	245047	48.948	ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	106444	4.840	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	42543	4.820	ug/L	97
25) Chloroform	4.42	83	185954	4.707	ug/L	99
27) 1,2-Dichloroethane	5.18	62	115580	4.778	ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	162741	4.732	ug/L	100
30) Cyclohexane	4.72	56	183163	4.731	ug/L	100
31) Carbon tetrachloride	4.87	117	143809	4.854	ug/L	97
33) Benzene	5.14	78	417779	4.877	ug/L	100
34) Trichloroethene	5.96	95	105925	4.721	ug/L	96
35) Methylcyclohexane	6.17	83	179247	4.697	ug/L	100
37) 1,2-Dichloropropane	6.22	63	104275	4.766	ug/L	100
38) Bromodichloromethane	6.55	83	128409	4.811	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	152985	4.826	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	647958	49.453	ug/L	100
42) Toluene	7.43	91	444437	4.900	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	116966	4.756	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	67951	4.864	ug/L	98
47) Tetrachloroethene	8.01	164	85477	4.764	ug/L	98
48) 2-Hexanone	8.18	43	465730	49.887	ug/L	99
49) Dibromochloromethane	8.29	129	78435	4.966	ug/L	97
50) 1,2-Dibromoethane	8.39	107	64284	4.821	ug/L	96
51) Chlorobenzene	8.92	112	276452	4.813	ug/L	99
52) Ethylbenzene	9.05	91	499162	4.853	ug/L	100
53) m,p-xylene	9.17	106	182912	4.858	ug/L	99
54) o-xylene	9.58	106	177024	4.829	ug/L	98
55) Styrene	9.60	104	300151	4.874	ug/L	97
56) Isopropylbenzene	9.97	105	479476	4.842	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	86395	4.946	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	62010	4.852	ug/L	98
61) Bromoform	9.77	173	40721	5.139	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	223845	4.863	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	221576	4.711	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	199123	4.682	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.47	75	13284	4.720	ug/L	90
67) 1,3,5-Trichlorobenzene	12.68	180	179580	4.807	ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	152873	4.766	ug/L	99
69) Naphthalene	13.54	128	249376	4.775	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	137496	4.803	ug/L	99

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

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