

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042220\
 Data File : VV015622.D
 Acq On : 22 Apr 2020 15:17
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV34

Quant Time: Apr 23 02:48:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 23 02:43:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	136721	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	130824	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	66696	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	35560	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.58	69	34015	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.12	63	77657	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.40%
20) 2-Butanone-d5	3.93	46	120766	52.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.28%
24) Chloroform-d	4.38	84	84934	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.06	65	47551	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.07	84	157249	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.09	67	49056	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.34	98	150991	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
43) trans-1,3-Dichloropropene-	7.64	79	20328	5.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.40%
46) 2-Hexanone-d5	8.11	63	100191	53.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.50%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	37669	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	56879	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	61098	5.217 ug/L	99
3) Chloromethane	1.25	50	53258	5.257 ug/L	100
5) Vinyl chloride	1.32	62	55588	5.137 ug/L	99
6) Bromomethane	1.53	94	26647	5.736 ug/L	91
8) Chloroethane	1.59	64	35940	5.057 ug/L	98
9) Trichlorofluoromethane	1.76	101	80270	5.286 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	44400	5.168 ug/L	96
12) 1,1-Dichloroethene	2.13	96	41205	5.178 ug/L	94
13) Acetone	2.22	43	82002	51.475 ug/L	99
14) Carbon disulfide	2.31	76	121385	5.396 ug/L	99
15) Methyl Acetate	2.46	43	20764	5.481 ug/L	99
16) Methylene chloride	2.52	84	49243	5.012 ug/L	96
17) Methyl tert-butyl Ether	2.79	73	116668	5.223 ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	46005	5.163 ug/L	95
19) 1,1-Dichloroethane	3.21	63	91270	5.217 ug/L	99
21) 2-Butanone	4.02	43	133350	54.268 ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	50424	5.119 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	21323	5.299	ug/L	95
25) Chloroform	4.40	83	95453	5.139	ug/L	100
27) 1,2-Dichloroethane	5.16	62	63613	5.213	ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	86631	5.222	ug/L	99
30) Cyclohexane	4.70	56	83348	5.258	ug/L	100
31) Carbon tetrachloride	4.85	117	71464	5.201	ug/L	99
33) Benzene	5.13	78	193516	5.177	ug/L	100
34) Trichloroethene	5.94	95	53421	5.175	ug/L	98
35) Methylcyclohexane	6.15	83	83536	5.273	ug/L	98
37) 1,2-Dichloropropane	6.20	63	51092	5.378	ug/L	100
38) Bromodichloromethane	6.53	83	63308	5.248	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	71726	5.416	ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	325635	52.811	ug/L	99
42) Toluene	7.41	91	209160	5.237	ug/L	97
44) trans-1,3-Dichloropropene	7.67	75	61307	5.509	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	34310	5.298	ug/L	96
47) Tetrachloroethene	8.00	164	38317	5.155	ug/L	93
48) 2-Hexanone	8.16	43	241896	55.013	ug/L	99
49) Dibromochloromethane	8.27	129	36271	5.412	ug/L	97
50) 1,2-Dibromoethane	8.37	107	31318	5.230	ug/L	100
51) Chlorobenzene	8.90	112	134476	5.140	ug/L	99
52) Ethylbenzene	9.03	91	244428	5.289	ug/L	98
53) m,p-xylene	9.16	106	89927	5.312	ug/L	99
54) o-xylene	9.56	106	86190	5.262	ug/L	97
55) Styrene	9.58	104	148655	5.348	ug/L	99
56) Isopropylbenzene	9.95	105	241641	5.258	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	39365	5.206	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	31089	5.125	ug/L	99
61) Bromoform	9.75	173	15288	5.553	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	111790	5.296	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	110871	5.208	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	101086	5.295	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.45	75	6718	5.401	ug/L	93
67) 1,3,5-Trichlorobenzene	12.67	180	81926	5.252	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	75507	5.259	ug/L	98
69) Naphthalene	13.53	128	140196	5.456	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	67044	5.291	ug/L	97

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

