

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022820\
 Data File : VV014715.D
 Acq On : 28 Feb 2020 18:08
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV31

Quant Time: Feb 28 23:39:27 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	282347	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	269179	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	139427	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	109500	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.58	69	86547	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.13	63	180918	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.20%
20) 2-Butanone-d5	3.97	46	235661	51.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.16%
24) Chloroform-d	4.40	84	195582	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.08	65	98187	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.09	84	394569	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.11	67	120647	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.35	98	361488	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	7.66	79	47108	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.13	63	194230	50.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.68%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	85806	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	126279	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	148487	4.788	ug/L 100
3) Chloromethane	1.25	50	136934	4.795	ug/L 97
5) Vinyl chloride	1.32	62	129004	4.914	ug/L 99
6) Bromomethane	1.54	94	72793	4.921	ug/L 98
8) Chloroethane	1.60	64	70185	4.772	ug/L 97
9) Trichlorofluoromethane	1.77	101	174059	4.867	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	89801	4.799	ug/L 99
12) 1,1-Dichloroethene	2.14	96	88070	4.950	ug/L 94
13) Acetone	2.25	43	127659	41.518	ug/L # 71
14) Carbon disulfide	2.31	76	291841	4.810	ug/L 99
15) Methyl Acetate	2.48	43	33876	4.341	ug/L # 85
16) Methylene chloride	2.53	84	105164	4.725	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	237172	4.900	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	104022	4.836	ug/L 97
19) 1,1-Dichloroethane	3.23	63	203217	4.830	ug/L 99
21) 2-Butanone	4.05	43	277869	53.098	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	112569	4.896	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	43644	4.730	ug/L	98
25) Chloroform	4.42	83	196719	4.764	ug/L	100
27) 1,2-Dichloroethane	5.18	62	120489	4.765	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	170201	4.796	ug/L	99
30) Cyclohexane	4.72	56	195618	4.897	ug/L	99
31) Carbon tetrachloride	4.87	117	148782	4.867	ug/L	100
33) Benzene	5.14	78	440326	4.982	ug/L	100
34) Trichloroethene	5.96	95	110426	4.770	ug/L	97
35) Methylcyclohexane	6.17	83	189428	4.810	ug/L	96
37) 1,2-Dichloropropane	6.22	63	112403	4.978	ug/L	99
38) Bromodichloromethane	6.55	83	131670	4.781	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	164400	5.026	ug/L	96
40) 4-Methyl-2-pentanone	7.27	43	686952	50.811	ug/L	98
42) Toluene	7.43	91	464025	4.958	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	125716	4.954	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	70825	4.913	ug/L	96
47) Tetrachloroethene	8.01	164	90212	4.873	ug/L	99
48) 2-Hexanone	8.18	43	498288	51.728	ug/L	99
49) Dibromochloromethane	8.29	129	81151	4.980	ug/L	99
50) 1,2-Dibromoethane	8.39	107	65670	4.773	ug/L	95
51) Chlorobenzene	8.92	112	288998	4.876	ug/L	100
52) Ethylbenzene	9.05	91	524249	4.940	ug/L	99
53) m,p-xylene	9.18	106	190867	4.912	ug/L	93
54) o-xylene	9.58	106	187573	4.959	ug/L	97
55) Styrene	9.60	104	317750	5.001	ug/L	100
56) Isopropylbenzene	9.97	105	506208	4.954	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	89641	4.973	ug/L	97
59) 1,2,3-Trichloropropane	10.31	75	65166	4.941	ug/L	100
61) Bromoform	9.77	173	41318	5.036	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	235355	4.938	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	235409	4.834	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	215019	4.883	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.47	75	14329	4.917	ug/L	96
67) 1,3,5-Trichlorobenzene	12.68	180	188812	4.881	ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	165159	4.972	ug/L	98
69) Naphthalene	13.54	128	269343	4.981	ug/L	100
70) 1,2,3-Trichlorobenzene	13.78	180	147410	4.973	ug/L	99

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

