

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081919\
 Data File : VV012280.D
 Acq On : 19 Aug 2019 16:12
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV31

Quant Time: Aug 20 02:31:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 19 19:08:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	156605	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	148302	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	80025	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35183	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.58	69	24228	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.80%
11) 1,1-Dichloroethene-d2	2.13	63	64594	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.00%
20) 2-Butanone-d5	3.96	46	104377	48.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.76%
24) Chloroform-d	4.40	84	98762	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.08	65	49859	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	5.09	84	180549	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.12	67	53889	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.36	98	180889	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
43) trans-1,3-Dichloropropene-	7.66	79	23469	4.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.60%
46) 2-Hexanone-d5	8.14	63	82663	54.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.98%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40074	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	73663	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	86576	4.630	ug/L 98
3) Chloromethane	1.25	50	48397	4.948	ug/L 99
5) Vinyl chloride	1.32	62	49076	4.767	ug/L 98
6) Bromomethane	1.54	94	24449	4.606	ug/L 96
8) Chloroethane	1.60	64	22356	4.357	ug/L 99
9) Trichlorofluoromethane	1.77	101	83532	4.508	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	37600	4.700	ug/L 99
12) 1,1-Dichloroethene	2.14	96	34164	4.753	ug/L 94
13) Acetone	2.23	43	52094	46.161	ug/L # 67
14) Carbon disulfide	2.32	76	91699	4.596	ug/L 96
15) Methyl Acetate	2.47	43	9635	4.305	ug/L 99
16) Methylene chloride	2.53	84	32981	4.407	ug/L 95
17) Methyl tert-butyl Ether	2.81	73	112652	4.914	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	49754	4.729	ug/L 97
19) 1,1-Dichloroethane	3.23	63	89919	4.983	ug/L 100
21) 2-Butanone	4.04	43	107468	50.189	ug/L 95
22) cis-1,2-Dichloroethene	3.96	96	55551	4.906	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	24868	4.809	ug/L	97
25) Chloroform	4.42	83	102199	4.527	ug/L	100
27) 1,2-Dichloroethane	5.18	62	61172	4.753	ug/L	97
29) 1,1,1-Trichloroethane	4.65	97	95401	4.808	ug/L	99
30) Cyclohexane	4.72	56	77006	5.185	ug/L	98
31) Carbon tetrachloride	4.87	117	88448	4.777	ug/L	100
33) Benzene	5.14	78	203266	4.955	ug/L	100
34) Trichloroethene	5.96	95	63343	5.265	ug/L	97
35) Methylcyclohexane	6.17	83	94455	5.244	ug/L	98
37) 1,2-Dichloropropane	6.22	63	50391	5.250	ug/L	97
38) Bromodichloromethane	6.55	83	74162	5.114	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	79325	5.206	ug/L	97
40) 4-Methyl-2-pentanone	7.27	43	284325	56.416	ug/L	99
42) Toluene	7.43	91	239506	5.275	ug/L	97
44) trans-1,3-Dichloropropene	7.69	75	64225	5.278	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	38477	5.225	ug/L	97
47) Tetrachloroethene	8.02	164	56492	5.089	ug/L	98
48) 2-Hexanone	8.19	43	208393	57.447	ug/L	99
49) Dibromochloromethane	8.29	129	51039	5.102	ug/L	98
50) 1,2-Dibromoethane	8.40	107	36631	5.266	ug/L	92
51) Chlorobenzene	8.92	112	159945	5.163	ug/L	97
52) Ethylbenzene	9.05	91	267698	5.270	ug/L	99
53) m,p-xylene	9.18	106	104728	5.281	ug/L	97
54) o-xylene	9.59	106	101353	5.313	ug/L	98
55) Styrene	9.60	104	169597	5.264	ug/L	97
56) Isopropylbenzene	9.97	105	277559	5.272	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	39130	5.201	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	30900	5.193	ug/L	99
61) Bromoform	9.77	173	28911	5.230	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	135957	5.019	ug/L	97
63) 1,4-Dichlorobenzene	11.31	146	134296	4.985	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	125899	5.066	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	6706	5.164	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	111381	5.013	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	86701	5.278	ug/L	98
69) Naphthalene	13.55	128	121853	5.453	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	81326	5.351	ug/L	100

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

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