

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071719\
 Data File : VV011906.D
 Acq On : 17 Jul 2019 12:22
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV35

Quant Time: Jul 18 02:13:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 18 02:08:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	179577	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	171646	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	83684	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62661	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.58	69	49697	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.13	63	93911	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.00%
20) 2-Butanone-d5	3.96	46	164547	49.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.80%
24) Chloroform-d	4.40	84	125452	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.08	65	65263	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.10	84	247312	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.12	67	75054	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.36	98	231306	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
43) trans-1,3-Dichloropropene-	7.66	79	27799	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	8.14	63	120769	52.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.98%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47913	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	81419	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	101052	5.495	ug/L 100
3) Chloromethane	1.25	50	94022	5.275	ug/L 99
5) Vinyl chloride	1.32	62	92462	5.393	ug/L 100
6) Bromomethane	1.54	94	51973	5.226	ug/L 100
8) Chloroethane	1.60	64	46789	4.799	ug/L 96
9) Trichlorofluoromethane	1.77	101	115690	5.366	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	50229	4.823	ug/L 95
12) 1,1-Dichloroethene	2.14	96	45838	4.789	ug/L 97
13) Acetone	2.21	43	79506	47.030	ug/L 97
14) Carbon disulfide	2.32	76	133767	4.930	ug/L 100
15) Methyl Acetate	2.47	43	19627	5.460	ug/L 98
16) Methylene chloride	2.53	84	48692	4.853	ug/L 97
17) Methyl tert-butyl Ether	2.81	73	159273	5.501	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	74572	5.542	ug/L 98
19) 1,1-Dichloroethane	3.23	63	136301	5.372	ug/L 99
21) 2-Butanone	4.04	43	187288	56.504	ug/L 96
22) cis-1,2-Dichloroethene	3.96	96	76524	5.524	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	30598	5.399	ug/L	87
25) Chloroform	4.43	83	141823	5.183	ug/L	96
27) 1,2-Dichloroethane	5.18	62	87915	5.454	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	116907	5.542	ug/L	99
30) Cyclohexane	4.72	56	127792	5.689	ug/L	98
31) Carbon tetrachloride	4.87	117	103779	5.633	ug/L	98
33) Benzene	5.15	78	299661	5.579	ug/L	100
34) Trichloroethene	5.96	95	82356	5.517	ug/L	99
35) Methylcyclohexane	6.17	83	129546	5.721	ug/L	99
37) 1,2-Dichloropropane	6.22	63	71923	5.486	ug/L	99
38) Bromodichloromethane	6.56	83	88388	5.505	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	102510	5.712	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	462822	58.749	ug/L	100
42) Toluene	7.43	91	321813	5.710	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	80177	5.620	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	48478	5.470	ug/L	99
47) Tetrachloroethene	8.02	164	61973	5.641	ug/L	98
48) 2-Hexanone	8.19	43	332969	59.044	ug/L	100
49) Dibromochloromethane	8.29	129	53603	5.578	ug/L	99
50) 1,2-Dibromoethane	8.40	107	45071	5.526	ug/L	100
51) Chlorobenzene	8.92	112	199003	5.594	ug/L	98
52) Ethylbenzene	9.05	91	351448	5.673	ug/L	99
53) m,p-xylene	9.18	106	133717	5.795	ug/L	97
54) o-xylene	9.59	106	127449	5.929	ug/L	99
55) Styrene	9.60	104	217053	5.944	ug/L	98
56) Isopropylbenzene	9.97	105	348560	5.905	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	48539	5.742	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	41797	5.375	ug/L	100
61) Bromoform	9.77	173	25519	5.450	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	156028	5.792	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	156871	5.659	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	144434	5.724	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	8238	5.750	ug/L	89
67) 1,3,5-Trichlorobenzene	12.69	180	121658	5.754	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	102089	6.118	ug/L	100
69) Naphthalene	13.55	128	164422	6.416	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	93830	6.237	ug/L	99

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

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