

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073119\
 Data File : VV012079.D
 Acq On : 30 Jul 2019 19:19
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV32

Quant Time: Jul 31 05:36:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR073119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 31 05:31:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	125615	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	118755	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	67607	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29229	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.59	69	21615	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.13	63	58812	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.60%
20) 2-Butanone-d5	3.97	46	81374	49.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.40%
24) Chloroform-d	4.40	84	72952	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.09	65	42041	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.10	84	148599	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.12	67	40885	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.36	98	143752	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	7.66	79	18139	4.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.80%
46) 2-Hexanone-d5	8.14	63	64438	51.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.74%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	29316	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	59796	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	71363	5.123	ug/L 100
3) Chloromethane	1.25	50	33771	5.073	ug/L 98
5) Vinyl chloride	1.32	62	36527	5.026	ug/L 97
6) Bromomethane	1.54	94	23855	5.291	ug/L 100
8) Chloroethane	1.60	64	20265	5.004	ug/L 93
9) Trichlorofluoromethane	1.77	101	72130	5.112	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	30801	5.123	ug/L 98
12) 1,1-Dichloroethene	2.14	96	27323	4.957	ug/L 97
13) Acetone	2.23	43	41920	50.312	ug/L 97
14) Carbon disulfide	2.32	76	78038	5.181	ug/L 98
15) Methyl Acetate	2.47	43	9263	4.897	ug/L 91
16) Methylene chloride	2.54	84	26558	4.635	ug/L 95
17) Methyl tert-butyl Ether	2.81	73	93616	5.110	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	40777	4.967	ug/L 95
19) 1,1-Dichloroethane	3.23	63	72546	4.964	ug/L 97
21) 2-Butanone	4.05	43	83696	50.659	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	43751	4.964	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	19422	4.906	ug/L	94
25) Chloroform	4.43	83	89096	4.695	ug/L	99
27) 1,2-Dichloroethane	5.18	62	51797	4.960	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	78194	5.068	ug/L	99
30) Cyclohexane	4.72	56	62181	5.287	ug/L	98
31) Carbon tetrachloride	4.87	117	69445	5.016	ug/L	99
33) Benzene	5.15	78	163599	5.197	ug/L	100
34) Trichloroethene	5.96	95	44250	4.874	ug/L	95
35) Methylcyclohexane	6.17	83	71670	5.212	ug/L	98
37) 1,2-Dichloropropane	6.22	63	35974	4.941	ug/L	100
38) Bromodichloromethane	6.56	83	54844	5.129	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	57777	5.101	ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	209628	52.900	ug/L	100
42) Toluene	7.43	91	181293	5.268	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	48391	5.291	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	27116	4.996	ug/L	99
47) Tetrachloroethene	8.02	164	43249	5.240	ug/L	98
48) 2-Hexanone	8.19	43	146650	53.210	ug/L	99
49) Dibromochloromethane	8.29	129	36902	5.239	ug/L	98
50) 1,2-Dibromoethane	8.40	107	26918	5.179	ug/L #	99
51) Chlorobenzene	8.92	112	119645	5.129	ug/L	99
52) Ethylbenzene	9.05	91	209254	5.277	ug/L	98
53) m,p-xylene	9.18	106	80929	5.321	ug/L	94
54) o-xylene	9.59	106	78568	5.388	ug/L	98
55) Styrene	9.60	104	133723	5.407	ug/L	98
56) Isopropylbenzene	9.97	105	214548	5.310	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	30405	5.074	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	22907	5.060	ug/L	99
61) Bromoform	9.77	173	20118	5.007	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	109108	5.233	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	108529	5.101	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	98100	5.209	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	5594	5.529	ug/L	90
67) 1,3,5-Trichlorobenzene	12.69	180	90569	5.308	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	74395	5.397	ug/L	98
69) Naphthalene	13.55	128	108843	5.867	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	67870	5.532	ug/L	99

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

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