

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100518\
 Data File : VV008094.D
 Acq On : 05 Oct 2018 13:10
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV74

Quant Time: Oct 06 00:57:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 06 00:55:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	105067	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	98733	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	51753	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31524	4.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.80%
7) Chloroethane-d5	1.59	69	25824	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.14	63	61307	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.20%
20) 2-Butanone-d5	3.96	46	80501	51.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.76%
24) Chloroform-d	4.41	84	67278	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.09	65	32621	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.10	84	130085	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.12	67	40002	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.36	98	129485	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
43) trans-1,3-Dichloropropene-	7.67	79	14949	5.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.20%
46) 2-Hexanone-d5	8.14	63	60639	54.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.24%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	28943	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	50268	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	35889	5.038	ug/L 98
3) Chloromethane	1.25	50	29558	4.923	ug/L 100
5) Vinyl chloride	1.33	62	33622	5.030	ug/L 98
6) Bromomethane	1.54	94	16557	5.229	ug/L 98
8) Chloroethane	1.60	64	20988	4.699	ug/L 98
9) Trichlorofluoromethane	1.77	101	55934	4.885	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	32997	4.846	ug/L 98
12) 1,1-Dichloroethene	2.15	96	28360	4.983	ug/L 97
13) Acetone	2.21	43	47162	44.861	ug/L 99
14) Carbon disulfide	2.32	76	70049	4.836	ug/L 97
15) Methyl Acetate	2.47	43	12006	4.810	ug/L 98
16) Methylene chloride	2.54	84	30156	4.367	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	70178	4.919	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	30273	4.873	ug/L 96
19) 1,1-Dichloroethane	3.23	63	58642	4.957	ug/L 99
21) 2-Butanone	4.05	43	81201	47.880	ug/L 98
22) cis-1,2-Dichloroethene	3.97	96	35505	5.067	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	15867	4.987	ug/L	97
25) Chloroform	4.43	83	63873	5.018	ug/L	99
27) 1,2-Dichloroethane	5.19	62	38270	5.117	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	54470	4.967	ug/L	98
30) Cyclohexane	4.73	56	47103	5.172	ug/L	99
31) Carbon tetrachloride	4.88	117	48868	4.960	ug/L	97
33) Benzene	5.15	78	131567	5.281	ug/L	100
34) Trichloroethene	5.96	95	35933	4.943	ug/L	98
35) Methylcyclohexane	6.18	83	51601	5.081	ug/L	99
37) 1,2-Dichloropropane	6.23	63	33966	5.053	ug/L	100
38) Bromodichloromethane	6.56	83	42055	5.114	ug/L	95
39) cis-1,3-Dichloropropene	7.08	75	45969	5.333	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	200196	52.550	ug/L	99
42) Toluene	7.43	91	143138	5.408	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	38271	5.460	ug/L	94
45) 1,1,2-Trichloroethane	7.89	97	23963	5.082	ug/L	96
47) Tetrachloroethene	8.02	164	33112	5.099	ug/L	96
48) 2-Hexanone	8.19	43	131755	50.943	ug/L	95
49) Dibromochloromethane	8.29	129	29843	5.073	ug/L	98
50) 1,2-Dibromoethane	8.40	107	22316	5.213	ug/L	98
51) Chlorobenzene	8.93	112	97836	5.286	ug/L	98
52) Ethylbenzene	9.06	91	153887	5.327	ug/L	100
53) m,p-xylene	9.18	106	59184	5.404	ug/L	99
54) o-xylene	9.59	106	57197	5.471	ug/L	99
55) Styrene	9.61	104	98002	5.504	ug/L	100
56) Isopropylbenzene	9.98	105	155557	5.409	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	28435	5.202	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	20745	5.286	ug/L	95
61) Bromoform	9.78	173	16579	5.202	ug/L	96
62) 1,3-Dichlorobenzene	11.23	146	80815	5.245	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	81517	5.190	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	78297	5.260	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	3928	5.053	ug/L	90
67) 1,3,5-Trichlorobenzene	12.70	180	69633	5.303	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	55654	5.682	ug/L	100
69) Naphthalene	13.56	128	70745	5.657	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	51627	5.543	ug/L	98

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

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