

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062019\
 Data File : VU032927.D
 Acq On : 21 Jun 2019 02:53
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00503

Quant Time: Jun 21 07:42:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 21 07:36:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	86596	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	86814	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	47115	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	20897	3.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.20%
7) Chloroethane-d5	1.68	69	19450	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.80%
11) 1,1-Dichloroethene-d2	2.27	63	52034	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.20%
20) 2-Butanone-d5	4.18	46	89593	57.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.04%
24) Chloroform-d	4.64	84	51763	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.30	65	29360	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.40%
32) Benzene-d6	5.33	84	92907	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
36) 1,2-Dichloropropane-d6	6.32	67	31335	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.56	98	85902	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.85	79	12269	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.31	63	66610	46.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.52%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	29685	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	37509	4.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	41666	5.608	ug/L 98
3) Chloromethane	1.33	50	37969	4.927	ug/L 100
5) Vinyl chloride	1.40	62	38963	5.144	ug/L 99
6) Bromomethane	1.62	94	23998	5.194	ug/L 99
8) Chloroethane	1.69	64	23443	4.844	ug/L 100
9) Trichlorofluoromethane	1.88	101	57143	5.271	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	29831	5.176	ug/L 97
12) 1,1-Dichloroethene	2.28	96	27238	4.951	ug/L 96
13) Acetone	2.32	43	65882	54.022	ug/L 93
14) Carbon disulfide	2.47	76	83705	4.751	ug/L 100
15) Methyl Acetate	2.61	43	17121	5.117	ug/L 97
16) Methylene chloride	2.69	84	30837	5.054	ug/L 90
17) Methyl tert-butyl Ether	3.00	73	82172	5.107	ug/L 98
18) trans-1,2-Dichloroethene	2.97	96	29575	4.982	ug/L 91
19) 1,1-Dichloroethane	3.43	63	60326	5.677	ug/L 97
21) 2-Butanone	4.27	43	99996	56.376	ug/L 97
22) cis-1,2-Dichloroethene	4.22	96	33820	5.034	ug/L 86

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	15573	5.386	ug/L	93
25) Chloroform	4.67	83	62512	5.759	ug/L	95
27) 1,2-Dichloroethane	5.40	62	42780	5.997	ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	53303	5.039	ug/L	96
30) Cyclohexane	4.98	56	47641	4.261	ug/L	98
31) Carbon tetrachloride	5.12	117	48139	5.005	ug/L	98
33) Benzene	5.38	78	126607	4.946	ug/L	100
34) Trichloroethene	6.18	95	33961	4.613	ug/L	97
35) Methylcyclohexane	6.41	83	50113	4.232	ug/L	95
37) 1,2-Dichloropropane	6.42	63	35087	5.298	ug/L	99
38) Bromodichloromethane	6.75	83	43817	5.148	ug/L	98
39) cis-1,3-Dichloropropene	7.26	75	47032	4.626	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	247141	52.440	ug/L	95
42) Toluene	7.63	91	135679	4.756	ug/L	100
44) trans-1,3-Dichloropropene	7.87	75	38709	4.769	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	24273	5.038	ug/L	97
47) Tetrachloroethene	8.22	164	27863	4.809	ug/L	96
48) 2-Hexanone	8.36	43	181796	53.980	ug/L	94
49) Dibromochloromethane	8.47	129	30272	4.912	ug/L	100
50) 1,2-Dibromoethane	8.58	107	23872	4.972	ug/L	99
51) Chlorobenzene	9.11	112	89274	4.991	ug/L	97
52) Ethylbenzene	9.24	91	149926	4.769	ug/L	99
53) m,p-Xylene	9.37	106	55063	4.620	ug/L	93
54) o-Xylene	9.77	106	53828	4.525	ug/L	91
55) Styrene	9.79	104	93941	4.800	ug/L	99
56) Isopropylbenzene	10.16	105	146883	4.681	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.45	83	32140	5.216	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	23815	5.476	ug/L	99
61) Bromoform	9.95	173	17298	4.570	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	72682	4.726	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	75699	4.841	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	71327	4.799	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	5394	5.169	ug/L	94
67) 1,3,5-Trichlorobenzene	12.88	180	61411	4.982	ug/L	97
68) 1,2,4-trichlorobenzene	13.50	180	48823	4.912	ug/L	98
69) Naphthalene	13.74	128	79153	4.543	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	46059	4.653	ug/L	99

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

