

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU040819\
 Data File : VU030866.D
 Acq On : 07 Apr 2019 18:58
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00509

Quant Time: Apr 08 03:34:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 02 07:56:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	262374	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	264483	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	121574	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	97745	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.68	69	83050	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.27	63	208520	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.60%
20) 2-Butanone-d5	4.19	46	276998	53.62	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.24%
24) Chloroform-d	4.64	84	168805	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.31	65	97196	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.33	84	330772	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.32	67	112363	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.56	98	305266	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.85	79	40307	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.31	63	195203	51.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.50%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	93331	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	100791	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	150691	5.156	ug/L 100
3) Chloromethane	1.32	50	169899	4.959	ug/L 97
5) Vinyl chloride	1.40	62	164846	5.251	ug/L 100
6) Bromomethane	1.62	94	80423	5.237	ug/L 100
8) Chloroethane	1.69	64	93553	5.238	ug/L 100
9) Trichlorofluoromethane	1.88	101	197591	5.553	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	104315	5.271	ug/L 97
12) 1,1-Dichloroethene	2.28	96	104766	5.472	ug/L 90
13) Acetone	2.32	43	235261	58.899	ug/L 98
14) Carbon disulfide	2.47	76	343167	5.111	ug/L 100
15) Methyl Acetate	2.61	43	60957	5.908	ug/L 98
16) Methylene chloride	2.69	84	115151	5.160	ug/L 97
17) Methyl tert-butyl Ether	3.00	73	284728	5.556	ug/L 99
18) trans-1,2-Dichloroethene	2.97	96	107662	5.327	ug/L 96
19) 1,1-Dichloroethane	3.43	63	216127	5.055	ug/L 99
21) 2-Butanone	4.27	43	360015	56.871	ug/L 100
22) cis-1,2-Dichloroethene	4.22	96	108734	5.045	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	48118	5.589	ug/L	96
25) Chloroform	4.67	83	215788	5.537	ug/L	97
27) 1,2-Dichloroethane	5.40	62	133118	5.264	ug/L	97
29) 1,1,1-Trichloroethane	4.91	97	171523	5.091	ug/L	99
30) Cyclohexane	4.99	56	179550	4.414	ug/L	99
31) Carbon tetrachloride	5.13	117	144098	5.094	ug/L	95
33) Benzene	5.38	78	438595	4.902	ug/L	100
34) Trichloroethene	6.18	95	109072	4.870	ug/L	95
35) Methylcyclohexane	6.41	83	162370	4.543	ug/L	99
37) 1,2-Dichloropropane	6.43	63	118436	4.810	ug/L	100
38) Bromodichloromethane	6.75	83	147383	5.126	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	149755	4.548	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	824870	53.704	ug/L	100
42) Toluene	7.63	91	455988	5.082	ug/L	97
44) trans-1,3-Dichloropropene	7.88	75	124789	4.896	ug/L	95
45) 1,1,2-Trichloroethane	8.06	97	80044	5.452	ug/L	94
47) Tetrachloroethene	8.22	164	79158	5.039	ug/L	97
48) 2-Hexanone	8.36	43	596060	56.007	ug/L	99
49) Dibromochloromethane	8.47	129	93358	5.318	ug/L	96
50) 1,2-Dibromoethane	8.58	107	71810	5.247	ug/L	99
51) Chlorobenzene	9.12	112	266930	4.824	ug/L	99
52) Ethylbenzene	9.25	91	460262	4.809	ug/L	99
53) m,p-Xylene	9.37	106	166953	4.994	ug/L	96
54) o-Xylene	9.78	106	161702	4.933	ug/L	95
55) Styrene	9.79	104	288472	5.216	ug/L	99
56) Isopropylbenzene	10.16	105	426789	4.874	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	101658	5.208	ug/L	94
59) 1,2,3-Trichloropropane	10.49	75	74081	5.385	ug/L	99
61) Bromoform	9.95	173	51823	5.629	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	185503	4.836	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	187708	4.668	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	187422	5.021	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	17022	5.894	ug/L	87
67) 1,3,5-Trichlorobenzene	12.88	180	132998	4.647	ug/L	97
68) 1,2,4-trichlorobenzene	13.50	180	105399	4.768	ug/L	98
69) Naphthalene	13.74	128	168655	4.751	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	103455	5.022	ug/L	100

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

