

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070219\
 Data File : VU033133.D
 Acq On : 02 Jul 2019 11:18
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00510

Quant Time: Jul 03 02:07:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 03 01:53:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	101776	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	100801	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	54172	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	26912	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.68	69	23908	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.80%
11) 1,1-Dichloroethene-d2	2.27	63	64870	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.40%
20) 2-Butanone-d5	4.18	46	96875	45.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.34%
24) Chloroform-d	4.64	84	63881	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.31	65	35870	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	5.33	84	115964	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.32	67	38235	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.56	98	112785	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	7.85	79	15987	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.31	63	69075	48.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	32299	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	46566	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	50367	4.830	ug/L 99
3) Chloromethane	1.33	50	47486	4.726	ug/L 99
5) Vinyl chloride	1.40	62	47051	4.764	ug/L 98
6) Bromomethane	1.62	94	27756	4.902	ug/L 98
8) Chloroethane	1.69	64	27438	4.574	ug/L 100
9) Trichlorofluoromethane	1.88	101	69067	4.895	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	34904	4.759	ug/L 99
12) 1,1-Dichloroethene	2.28	96	31761	4.783	ug/L 94
13) Acetone	2.32	43	80163	46.493	ug/L 97
14) Carbon disulfide	2.47	76	103900	4.745	ug/L 100
15) Methyl Acetate	2.61	43	19092	4.671	ug/L 99
16) Methylene chloride	2.69	84	36038	4.616	ug/L 98
17) Methyl tert-butyl Ether	3.00	73	91379	4.748	ug/L 99
18) trans-1,2-Dichloroethene	2.97	96	34321	4.684	ug/L 98
19) 1,1-Dichloroethane	3.43	63	70304	4.779	ug/L 97
21) 2-Butanone	4.27	43	118481	47.507	ug/L 99
22) cis-1,2-Dichloroethene	4.22	96	39796	4.912	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	18100	4.798	ug/L	97
25) Chloroform	4.67	83	73588	4.523	ug/L	98
27) 1,2-Dichloroethane	5.40	62	50140	4.760	ug/L	100
29) 1,1,1-Trichloroethane	4.90	97	62859	4.841	ug/L	99
30) Cyclohexane	4.98	56	58524	4.936	ug/L	99
31) Carbon tetrachloride	5.12	117	57092	4.912	ug/L	99
33) Benzene	5.38	78	149387	5.029	ug/L	100
34) Trichloroethene	6.18	95	40273	4.970	ug/L	94
35) Methylcyclohexane	6.41	83	61014	5.062	ug/L	99
37) 1,2-Dichloropropane	6.42	63	39755	4.864	ug/L	99
38) Bromodichloromethane	6.75	83	51737	4.852	ug/L	99
39) cis-1,3-Dichloropropene	7.26	75	58456	5.072	ug/L	97
40) 4-Methyl-2-pentanone	7.46	43	286005	50.413	ug/L	99
42) Toluene	7.63	91	161319	5.044	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	48488	5.051	ug/L	97
45) 1,1,2-Trichloroethane	8.06	97	27778	4.848	ug/L	99
47) Tetrachloroethene	8.22	164	33354	4.955	ug/L	95
48) 2-Hexanone	8.36	43	209538	50.916	ug/L	98
49) Dibromochloromethane	8.47	129	34960	4.877	ug/L	94
50) 1,2-Dibromoethane	8.58	107	27798	5.070	ug/L	99
51) Chlorobenzene	9.11	112	105022	4.982	ug/L	100
52) Ethylbenzene	9.24	91	175165	5.000	ug/L	100
53) m,p-Xylene	9.37	106	65312	5.105	ug/L	99
54) o-Xylene	9.77	106	63432	5.081	ug/L	93
55) Styrene	9.79	104	109032	5.177	ug/L	97
56) Isopropylbenzene	10.16	105	173855	5.177	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	36458	5.012	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	27069	4.869	ug/L	99
61) Bromoform	9.95	173	20104	4.909	ug/L	97
62) 1,3-Dichlorobenzene	11.41	146	84311	4.957	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	87090	4.930	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	83541	5.020	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	5850	5.118	ug/L	94
67) 1,3,5-Trichlorobenzene	12.88	180	68602	5.155	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	52282	5.521	ug/L	98
69) Naphthalene	13.74	128	75652	5.453	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	49079	5.451	ug/L	97

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

