

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082019\
 Data File : VU033860.D
 Acq On : 20 Aug 2019 18:12
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00515

Quant Time: Aug 21 05:47:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082019WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 21 05:39:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	181558	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	191951	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	102294	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	65777	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.67	69	61194	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.26	63	141625	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.20%
20) 2-Butanone-d5	4.17	46	160979	52.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.96%
24) Chloroform-d	4.62	84	119587	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.29	65	64065	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.31	84	221545	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.31	67	72194	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.55	98	216749	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.83	79	28022	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.30	63	118955	55.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.80%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	69917	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	84749	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.20	85	78239	4.755	ug/L	98
3) Chloromethane	1.32	50	63850	3.997	ug/L	97
5) Vinyl chloride	1.40	62	83282	4.634	ug/L	99
6) Bromomethane	1.62	94	25055	2.129	ug/L	100
8) Chloroethane	1.69	64	52563	4.983	ug/L	99
9) Trichlorofluoromethane	1.87	101	112170	4.910	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	63529	4.803	ug/L	99
12) 1,1-Dichloroethene	2.27	96	60778	4.840	ug/L	95
13) Acetone	2.31	43	119158	50.814	ug/L	98
14) Carbon disulfide	2.46	76	203701	4.720	ug/L	98
15) Methyl Acetate	2.60	43	31588	5.376	ug/L	100
16) Methylene chloride	2.68	84	69903	4.744	ug/L	98
17) Methyl tert-butyl Ether	2.98	73	158080	5.018	ug/L	99
18) trans-1,2-Dichloroethene	2.96	96	65539	4.737	ug/L	99
19) 1,1-Dichloroethane	3.42	63	97724	4.870	ug/L	99
21) 2-Butanone	4.25	43	141286	56.187	ug/L	98
22) cis-1,2-Dichloroethene	4.20	96	54301	4.990	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	25373	4.823	ug/L	96
25) Chloroform	4.65	83	102835	4.533	ug/L	99
27) 1,2-Dichloroethane	5.38	62	63450	4.926	ug/L	99
29) 1,1,1-Trichloroethane	4.89	97	83616	4.806	ug/L	98
30) Cyclohexane	4.97	56	67623	4.602	ug/L	97
31) Carbon tetrachloride	5.11	117	73521	4.687	ug/L	98
33) Benzene	5.36	78	206554	4.904	ug/L	100
34) Trichloroethene	6.16	95	52490	4.645	ug/L	94
35) Methylcyclohexane	6.39	83	74231	4.701	ug/L	96
37) 1,2-Dichloropropane	6.41	63	55257	4.958	ug/L	99
38) Bromodichloromethane	6.74	83	71243	4.963	ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	72066	4.893	ug/L	99
40) 4-Methyl-2-pentanone	7.45	43	327517	55.486	ug/L	99
42) Toluene	7.62	91	222990	5.168	ug/L	98
44) trans-1,3-Dichloropropene	7.86	75	60107	4.880	ug/L	97
45) 1,1,2-Trichloroethane	8.05	97	41033	5.144	ug/L	95
47) Tetrachloroethene	8.21	164	44745	4.827	ug/L	98
48) 2-Hexanone	8.35	43	250431	58.063	ug/L	97
49) Dibromochloromethane	8.46	129	50525	5.073	ug/L	88
50) 1,2-Dibromoethane	8.57	107	38439	5.042	ug/L #	97
51) Chlorobenzene	9.10	112	138088	4.839	ug/L	99
52) Ethylbenzene	9.23	91	216265	5.008	ug/L	99
53) m,p-Xylene	9.36	106	80785	4.983	ug/L	92
54) o-Xylene	9.76	106	76946	4.950	ug/L	97
55) Styrene	9.77	104	137864	5.117	ug/L	99
56) Isopropylbenzene	10.15	105	202054	5.023	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	54174	5.410	ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	38677	5.296	ug/L	96
61) Bromoform	9.94	173	28367	5.020	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	112199	4.937	ug/L	96
63) 1,4-Dichlorobenzene	11.49	146	115347	4.936	ug/L	98
65) 1,2-Dichlorobenzene	11.86	146	108194	4.920	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.64	75	8531	5.484	ug/L	96
67) 1,3,5-Trichlorobenzene	12.87	180	84199	4.881	ug/L	98
68) 1,2,4-trichlorobenzene	13.49	180	62372	4.968	ug/L	96
69) Naphthalene	13.73	128	93703	5.139	ug/L	98
70) 1,2,3-Trichlorobenzene	13.97	180	61073	5.118	ug/L	98

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

