

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042519\
 Data File : VU031493.D
 Acq On : 25 Apr 2019 09:30
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00521

Quant Time: Apr 26 01:33:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 25 06:05:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	300892	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	310570	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	136584	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	117865	4.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.80%
7) Chloroethane-d5	1.68	69	95486	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.27	63	237743	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.80%
20) 2-Butanone-d5	4.21	46	378783	58.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.30%
24) Chloroform-d	4.64	84	212784	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.40%
26) 1,2-Dichloroethane-d4	5.31	65	117318	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.40%
32) Benzene-d6	5.33	84	403704	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.33	67	135441	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.56	98	361900	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.85	79	52394	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	8.31	63	247987	46.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.62%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	116129	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	119530	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.20	85	154480	5.983	ug/L	98
3) Chloromethane	1.32	50	180770	5.683	ug/L	98
5) Vinyl chloride	1.40	62	176310	5.615	ug/L	97
6) Bromomethane	1.63	94	89065	5.524	ug/L	98
8) Chloroethane	1.70	64	99453	5.596	ug/L	98
9) Trichlorofluoromethane	1.88	101	211276	5.843	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	119153	5.698	ug/L	96
12) 1,1-Dichloroethene	2.28	96	111523	5.334	ug/L	95
13) Acetone	2.35	43	282830	61.630	ug/L	99
14) Carbon disulfide	2.47	76	381568	5.489	ug/L	99
15) Methyl Acetate	2.63	43	71926	5.676	ug/L	97
16) Methylene chloride	2.70	84	127568	5.395	ug/L	96
17) Methyl tert-butyl Ether	3.00	73	321915	5.454	ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	117691	5.346	ug/L	96
19) 1,1-Dichloroethane	3.44	63	242034	5.779	ug/L	99
21) 2-Butanone	4.29	43	428810	61.455	ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	122565	5.380	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	55679	5.682	ug/L	95
25) Chloroform	4.67	83	229464	5.906	ug/L	96
27) 1,2-Dichloroethane	5.40	62	154085	6.035	ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	192154	5.409	ug/L	99
30) Cyclohexane	4.99	56	200503	4.688	ug/L	99
31) Carbon tetrachloride	5.13	117	163934	5.364	ug/L	99
33) Benzene	5.38	78	493277	5.140	ug/L	100
34) Trichloroethene	6.18	95	123606	4.887	ug/L	96
35) Methylcyclohexane	6.41	83	175843	4.699	ug/L	96
37) 1,2-Dichloropropane	6.43	63	135859	5.282	ug/L	100
38) Bromodichloromethane	6.75	83	164035	5.451	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	171315	4.792	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	960470	54.577	ug/L	97
42) Toluene	7.63	91	505315	5.245	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	142191	5.141	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	91748	5.236	ug/L	97
47) Tetrachloroethene	8.22	164	88729	5.021	ug/L	95
48) 2-Hexanone	8.36	43	718706	58.222	ug/L	97
49) Dibromochloromethane	8.47	129	103019	5.245	ug/L	99
50) 1,2-Dibromoethane	8.58	107	86569	5.146	ug/L #	94
51) Chlorobenzene	9.12	112	293720	5.027	ug/L	95
52) Ethylbenzene	9.25	91	507116	4.945	ug/L	99
53) m,p-Xylene	9.37	106	181191	4.962	ug/L	97
54) o-Xylene	9.77	106	175626	4.871	ug/L	95
55) Styrene	9.79	104	309973	5.197	ug/L	94
56) Isopropylbenzene	10.16	105	464801	4.879	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	121896	5.466	ug/L	93
59) 1,2,3-Trichloropropane	10.49	75	88347	5.453	ug/L	98
61) Bromoform	9.95	173	59104	5.500	ug/L	96
62) 1,3-Dichlorobenzene	11.41	146	199171	4.925	ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	205572	4.881	ug/L	97
65) 1,2-Dichlorobenzene	11.87	146	204044	5.089	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	18898	5.635	ug/L	95
67) 1,3,5-Trichlorobenzene	12.88	180	157900	5.140	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	119294	4.929	ug/L	99
69) Naphthalene	13.74	128	203469	4.301	ug/L	98
70) 1,2,3-Trichlorobenzene	13.98	180	121964	5.106	ug/L	99

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

