

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120419\
 Data File : VU035961.D
 Acq On : 04 Dec 2019 10:11
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00520

Quant Time: Dec 05 03:53:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 04 12:09:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	328607	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	341861	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	168423	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	160395	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.93	69	133679	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.59	63	242249	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.00%
20) 2-Butanone-d5	4.70	46	294618	44.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.84%
24) Chloroform-d	5.11	84	242492	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.75	65	121330	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
32) Benzene-d6	5.77	84	466402	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.73	67	145939	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.93	98	434698	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	8.21	79	59807	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.68	63	237159	45.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.08%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	122958	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	149894	4.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	175164	5.147	ug/L 100
3) Chloromethane	1.54	50	189938	4.887	ug/L 99
5) Vinyl chloride	1.62	62	197490	5.031	ug/L 99
6) Bromomethane	1.87	94	113620	5.048	ug/L 99
8) Chloroethane	1.95	64	116097	4.769	ug/L 100
9) Trichlorofluoromethane	2.16	101	243153	5.275	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	135541	5.367	ug/L 96
12) 1,1-Dichloroethene	2.60	96	124711	5.296	ug/L 93
13) Acetone	2.68	43	260060	43.364	ug/L 100
14) Carbon disulfide	2.82	76	416742	5.052	ug/L 99
15) Methyl Acetate	3.00	43	52225	4.859	ug/L 98
16) Methylene chloride	3.08	84	149613	4.101	ug/L 95
17) Methyl tert-butyl Ether	3.42	73	259350	4.701	ug/L 100
18) trans-1,2-Dichloroethene	3.39	96	125427	5.030	ug/L 98
19) 1,1-Dichloroethane	3.92	63	246525	5.057	ug/L 100
21) 2-Butanone	4.78	43	359125	46.647	ug/L 96
22) cis-1,2-Dichloroethene	4.72	96	129989	4.934	ug/L 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	65430	5.425	ug/L	94
25) Chloroform	5.13	83	254848	5.181	ug/L	99
27) 1,2-Dichloroethane	5.84	62	161154	5.126	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	211138	5.107	ug/L	99
30) Cyclohexane	5.43	56	189757	4.647	ug/L	100
31) Carbon tetrachloride	5.57	117	188047	5.130	ug/L	99
33) Benzene	5.82	78	557530	5.186	ug/L	100
34) Trichloroethene	6.58	95	134424	4.945	ug/L	96
35) Methylcyclohexane	6.80	83	192842	4.731	ug/L	98
37) 1,2-Dichloropropane	6.83	63	146084	5.019	ug/L	100
38) Bromodichloromethane	7.14	83	178302	5.118	ug/L	96
39) cis-1,3-Dichloropropene	7.64	75	186754	4.836	ug/L	100
40) 4-Methyl-2-pentanone	7.84	43	814104	47.583	ug/L	100
42) Toluene	8.00	91	598322	5.328	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	163937	4.964	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	102804	5.188	ug/L	98
47) Tetrachloroethene	8.58	164	114978	5.204	ug/L	97
48) 2-Hexanone	8.73	43	623405	49.329	ug/L	97
49) Dibromochloromethane	8.84	129	122462	5.068	ug/L	96
50) 1,2-Dibromoethane	8.96	107	97420	5.066	ug/L	99
51) Chlorobenzene	9.47	112	362710	5.172	ug/L	98
52) Ethylbenzene	9.60	91	564624	4.974	ug/L	98
53) m,p-Xylene	9.72	106	225885	5.271	ug/L	99
54) o-Xylene	10.13	106	209333	5.206	ug/L	94
55) Styrene	10.14	104	366905	5.426	ug/L	98
56) Isopropylbenzene	10.51	105	547174	5.191	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	129897	4.884	ug/L	97
59) 1,2,3-Trichloropropane	10.85	75	95019	5.022	ug/L	100
61) Bromoform	10.32	173	72466	4.658	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	281194	5.020	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	275267	4.951	ug/L	96
65) 1,2-Dichlorobenzene	12.24	146	263272	4.918	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	18108	4.342	ug/L	92
67) 1,3,5-Trichlorobenzene	13.24	180	187170	4.895	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	94330	4.604	ug/L	97
69) Naphthalene	14.11	128	81686	3.501	ug/L	98
70) 1,2,3-Trichlorobenzene	14.35	180	92210	4.544	ug/L	97

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

