

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122319\
 Data File : VU036335.D
 Acq On : 23 Dec 2019 18:47
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00527

Quant Time: Dec 24 00:23:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 24 00:19:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	246869	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	261022	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	140525	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	100876	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.93	69	95733	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.60	63	149963	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.60%
20) 2-Butanone-d5	4.69	46	245717	60.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.66%
24) Chloroform-d	5.11	84	179792	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.75	65	93286	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.77	84	319106	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.73	67	101440	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.93	98	298146	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	8.21	79	44010	5.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.40%
46) 2-Hexanone-d5	8.67	63	197886	60.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.68%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	100491	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	127982	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	123212	4.472	ug/L	98
3) Chloromethane	1.54	50	139757	4.042	ug/L	99
5) Vinyl chloride	1.62	62	143267	4.367	ug/L	100
6) Bromomethane	1.88	94	79654	4.859	ug/L	95
8) Chloroethane	1.95	64	83622	4.269	ug/L	99
9) Trichlorofluoromethane	2.16	101	192738	4.662	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	92424	4.666	ug/L	98
12) 1,1-Dichloroethene	2.61	96	84466	4.612	ug/L	92
13) Acetone	2.68	43	165376	46.592	ug/L	99
14) Carbon disulfide	2.82	76	257927	4.197	ug/L	100
15) Methyl Acetate	3.00	43	37247	5.194	ug/L	98
16) Methylene chloride	3.08	84	99087	3.680	ug/L	94
17) Methyl tert-butyl Ether	3.42	73	195456	4.980	ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	87796	4.577	ug/L	98
19) 1,1-Dichloroethane	3.92	63	170759	4.822	ug/L	99
21) 2-Butanone	4.77	43	246534	51.978	ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	97786	4.753	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	48747	4.897	ug/L	96
25) Chloroform	5.14	83	183981	4.803	ug/L	100
27) 1,2-Dichloroethane	5.84	62	114844	5.055	ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	155132	4.828	ug/L	99
30) Cyclohexane	5.43	56	123586	4.520	ug/L	98
31) Carbon tetrachloride	5.57	117	139915	4.775	ug/L	100
33) Benzene	5.82	78	387194	4.827	ug/L	100
34) Trichloroethene	6.58	95	99772	4.824	ug/L	98
35) Methylcyclohexane	6.80	83	134650	4.579	ug/L	96
37) 1,2-Dichloropropane	6.83	63	100536	4.912	ug/L	98
38) Bromodichloromethane	7.14	83	128594	4.828	ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	127169	4.561	ug/L	95
40) 4-Methyl-2-pentanone	7.83	43	579362	54.121	ug/L	99
42) Toluene	8.00	91	420891	4.895	ug/L	97
44) trans-1,3-Dichloropropene	8.24	75	119844	5.117	ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	76078	4.961	ug/L	94
47) Tetrachloroethene	8.58	164	83862	4.490	ug/L	96
48) 2-Hexanone	8.73	43	451482	56.513	ug/L	100
49) Dibromochloromethane	8.84	129	95494	5.038	ug/L	94
50) 1,2-Dibromoethane	8.96	107	71648	4.899	ug/L #	97
51) Chlorobenzene	9.47	112	263890	4.647	ug/L	99
52) Ethylbenzene	9.60	91	408666	4.732	ug/L	98
53) m,p-Xylene	9.72	106	163245	4.906	ug/L	98
54) o-Xylene	10.13	106	159202	4.961	ug/L	93
55) Styrene	10.14	104	283563	4.993	ug/L	96
56) Isopropylbenzene	10.51	105	408808	4.960	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	95626	4.898	ug/L	95
59) 1,2,3-Trichloropropane	10.85	75	69294	5.094	ug/L	98
61) Bromoform	10.32	173	60759	4.981	ug/L	97
62) 1,3-Dichlorobenzene	11.77	146	226781	4.783	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	226368	4.814	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	217704	4.820	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	15602	5.200	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	170182	4.790	ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	116608	4.997	ug/L	97
69) Naphthalene	14.10	128	149826	5.046	ug/L	100
70) 1,2,3-Trichlorobenzene	14.35	180	116638	5.168	ug/L	99

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

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