

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121319\
 Data File : VU036195.D
 Acq On : 13 Dec 2019 14:11
 Operator : JC/MD
 Sample : VSTD02005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02005

Quant Time: Dec 14 00:26:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 14 00:22:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	296925	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	304284	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	171229	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	517853	17.77	ug/L	0.00
7) Chloroethane-d5	1.93	69	469734	18.26	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	731235	18.74	ug/L	0.00
20) 2-Butanone-d5	4.69	46	1061773	221.08	ug/L	0.00
24) Chloroform-d	5.11	84	821872	19.09	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	412165	18.77	ug/L	0.00
32) Benzene-d6	5.77	84	1621986	20.38	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	499204	20.18	ug/L	0.00
41) Toluene-d8	7.93	98	1605767	21.88	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.21	79	226784	21.74	ug/L	0.00
46) 2-Hexanone-d5	8.67	63	996011	260.72	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	457821	20.64	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	648830	20.18	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	616101	18.772 ug/L	98
3) Chloromethane	1.54	50	734369	17.326 ug/L	100
5) Vinyl chloride	1.62	62	756487	19.319 ug/L	99
6) Bromomethane	1.87	94	402717	17.181 ug/L	98
8) Chloroethane	1.95	64	455008	19.071 ug/L	97
9) Trichlorofluoromethane	2.16	101	930042	19.312 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	439346	18.659 ug/L	99
12) 1,1-Dichloroethene	2.60	96	424554	19.099 ug/L	93
13) Acetone	2.68	43	692677	165.961 ug/L	97
14) Carbon disulfide	2.82	76	1374210	18.668 ug/L	100
15) Methyl Acetate	3.00	43	167924	18.709 ug/L	98
16) Methylene chloride	3.08	84	474794	15.227 ug/L	98
17) Methyl tert-butyl Ether	3.41	73	1015845	21.976 ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	447917	19.408 ug/L	98
19) 1,1-Dichloroethane	3.92	63	804205	18.959 ug/L	100
21) 2-Butanone	4.77	43	1165762	210.062 ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	504736	21.275 ug/L	99
23) Bromochloromethane	5.02	128	227666	19.281 ug/L	97
25) Chloroform	5.13	83	844881	18.870 ug/L	98
27) 1,2-Dichloroethane	5.84	62	526782	19.990 ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	729359	19.701 ug/L	98
30) Cyclohexane	5.43	56	744940	23.703 ug/L	98
31) Carbon tetrachloride	5.57	117	666409	20.149 ug/L	99
33) Benzene	5.82	78	1923130	20.791 ug/L	100
34) Trichloroethene	6.58	95	488851	20.567 ug/L	97
35) Methylcyclohexane	6.80	83	825564	24.444 ug/L	97
37) 1,2-Dichloropropane	6.83	63	478271	20.137 ug/L	98
38) Bromodichloromethane	7.14	83	609478	19.962 ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	742700	23.461 ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	2820559	232.980 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	2154731	22.052	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	605140	22.668	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	358866	20.493	ug/L	93
47) Tetrachloroethene	8.58	164	435411	21.001	ug/L	96
48) 2-Hexanone	8.73	43	2105330	236.074	ug/L	96
49) Dibromochloromethane	8.84	129	451304	20.591	ug/L	98
50) 1,2-Dibromoethane	8.96	107	349730	21.239	ug/L	99
51) Chlorobenzene	9.47	112	1357979	21.218	ug/L	98
52) Ethylbenzene	9.60	91	2348458	24.493	ug/L	100
53) m,p-Xylene	9.72	106	922078	24.464	ug/L	98
54) o-Xylene	10.13	106	884694	24.600	ug/L	95
55) Styrene	10.14	104	1534175	23.955	ug/L	100
56) Isopropylbenzene	10.51	105	2318141	25.267	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	455910	20.595	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	327298	20.865	ug/L	97
61) Bromoform	10.32	173	282294	17.578	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	1147544	20.515	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	1149517	20.860	ug/L	100
65) 1,2-Dichlorobenzene	12.23	146	1082846	20.177	ug/L	96
66) 1,2-Dibromo-3-chloropropan	13.02	75	71410	20.543	ug/L	89
67) 1,3,5-Trichlorobenzene	13.24	180	879974	23.675	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	699767	33.808	ug/L	99
69) Naphthalene	14.10	128	1090433	48.164	ug/L	98
70) 1,2,3-Trichlorobenzene	14.35	180	657683	33.920	ug/L	100

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

