

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121219\
 Data File : VU036150.D
 Acq On : 12 Dec 2019 15:01
 Operator : JC/MD
 Sample : VSTD0.506
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.506

Quant Time: Dec 13 01:23:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 13 01:21:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	279852	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	292244	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	108695	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	15051	0.58	ug/L	0.00
7) Chloroethane-d5	1.92	69	13787	0.52	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	19332	0.43	ug/L	0.00
20) 2-Butanone-d5	4.71	46	20545	4.65	ug/L	0.00
24) Chloroform-d	5.11	84	21622	0.52	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	11561	0.54	ug/L	0.00
32) Benzene-d6	5.77	84	37154	0.48	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.73	67	11965	0.51	ug/L	0.00
41) Toluene-d8	7.93	98	31759	0.45	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.22	79	4884	0.50	ug/L	0.00
46) 2-Hexanone-d5	8.68	63	14283	4.07	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	10481	0.48	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	9951	0.47	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	18080	0.633 ug/L	98
3) Chloromethane	1.54	50	30040	1.019 ug/L	98
5) Vinyl chloride	1.62	62	20655	0.676 ug/L #	73
6) Bromomethane	1.87	94	13260	0.578 ug/L	91
8) Chloroethane	1.94	64	12871	0.580 ug/L	92
9) Trichlorofluoromethane	2.14	101	24477	0.499 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	12412	0.461 ug/L	100
12) 1,1-Dichloroethene	2.60	96	11724	0.487 ug/L	98
13) Acetone	2.68	43	27276	5.127 ug/L	96
14) Carbon disulfide	2.82	76	38858	0.547 ug/L	99
15) Methyl Acetate	3.00	43	4860	0.589 ug/L	100
16) Methylene chloride	3.08	84	22643	0.781 ug/L	97
17) Methyl tert-butyl Ether	3.42	73	22209	0.514 ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	12130	0.567 ug/L	89
19) 1,1-Dichloroethane	3.92	63	22246	0.576 ug/L	93
21) 2-Butanone	4.79	43	28051	5.032 ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	11728	0.526 ug/L	96
23) Bromochloromethane	5.03	128	6276	0.546 ug/L	89
25) Chloroform	5.14	83	23883	0.562 ug/L	94
27) 1,2-Dichloroethane	5.84	62	12798	0.508 ug/L #	89
29) 1,1,1-Trichloroethane	5.36	97	20113	0.583 ug/L	96
30) Cyclohexane	5.43	56	13177	0.477 ug/L	95
31) Carbon tetrachloride	5.56	117	17007	0.544 ug/L	100
33) Benzene	5.82	78	46082	0.544 ug/L	100
34) Trichloroethene	6.58	95	12012	0.538 ug/L	98
35) Methylcyclohexane	6.80	83	14317	0.472 ug/L	90
37) 1,2-Dichloropropane	6.84	63	12621	0.591 ug/L #	94
38) Bromodichloromethane	7.14	83	15759	0.555 ug/L	96
39) cis-1,3-Dichloropropene	7.65	75	14198	0.492 ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	54429	4.881 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.01	91	45846	0.506	ug/L	94
44) trans-1,3-Dichloropropene	8.25	75	12542	0.503	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	9105	0.548	ug/L	92
47) Tetrachloroethene	8.58	164	10066	0.481	ug/L	95
48) 2-Hexanone	8.73	43	36576	4.694	ug/L	90
49) Dibromochloromethane	8.84	129	11113	0.523	ug/L	91
50) 1,2-Dibromoethane	8.96	107	7878	0.501	ug/L #	94
51) Chlorobenzene	9.48	112	34001	0.554	ug/L	96
52) Ethylbenzene	9.60	91	41382	0.451	ug/L	99
53) m,p-Xylene	9.72	106	15533	0.423	ug/L	94
54) o-Xylene	10.13	106	15166	0.432	ug/L	93
55) Styrene	10.14	104	27553	0.455	ug/L	97
56) Isopropylbenzene	10.51	105	36714	0.396	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.81	83	11562	0.525	ug/L	95
59) 1,2,3-Trichloropropane	10.85	75	7470	0.492	ug/L #	88
61) Bromoform	10.32	173	7037	0.640	ug/L	98
62) 1,3-Dichlorobenzene	11.77	146	19276	0.528	ug/L	96
63) 1,4-Dichlorobenzene	11.86	146	18960	0.531	ug/L	94
65) 1,2-Dichlorobenzene	12.24	146	18417	0.512	ug/L	93
66) 1,2-Dibromo-3-chloropropan	13.01	75	1244	0.556	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	11786	0.493	ug/L	95
68) 1,2,4-trichlorobenzene	13.86	180	4766	0.377	ug/L	92
69) Naphthalene	14.10	128	4487	0.361	ug/L #	94
70) 1,2,3-Trichlorobenzene	14.35	180	4071	0.329	ug/L	92

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

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