

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102620\
 Data File : VU040938.D
 Acq On : 26 Oct 2020 12:21
 Operator : SY/MD
 Sample : VSTD02005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02005

Quant Time: Oct 27 02:24:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 27 02:16:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	68031	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	65863	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	34764	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	116553	23.67	ug/L	0.00
7) Chloroethane-d5	1.92	69	89390	21.24	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	226036	21.92	ug/L	0.00
20) 2-Butanone-d5	4.67	46	424351	245.15	ug/L	0.00
24) Chloroform-d	5.08	84	203219	19.71	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	121620	20.64	ug/L	0.00
32) Benzene-d6	5.74	84	380090	21.59	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	124210	21.04	ug/L	0.00
41) Toluene-d8	7.91	98	347519	22.24	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	57982	23.87	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	343676	280.11	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.76	84	115573	22.69	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	129102	20.96	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	119272	17.503	ug/L	100
3) Chloromethane	1.53	50	122742	16.805	ug/L	100
5) Vinyl chloride	1.61	62	124323	18.081	ug/L	100
6) Bromomethane	1.87	94	71700	20.020	ug/L	98
8) Chloroethane	1.94	64	74599	16.836	ug/L	100
9) Trichlorofluoromethane	2.15	101	163270	17.882	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	98022	18.435	ug/L	98
12) 1,1-Dichloroethene	2.59	96	92373	18.600	ug/L	91
13) Acetone	2.68	43	253472	208.077	ug/L #	58
14) Carbon disulfide	2.81	76	309003	17.668	ug/L	99
15) Methyl Acetate	2.98	43	59922	20.079	ug/L	96
16) Methylene chloride	3.06	84	102273	16.733	ug/L	98
17) Methyl tert-butyl Ether	3.38	73	264673	21.648	ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	97024	18.938	ug/L	98
19) 1,1-Dichloroethane	3.89	63	187632	18.200	ug/L	98
21) 2-Butanone	4.74	43	421050	230.628	ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	104302	18.627	ug/L	100
23) Bromochloromethane	4.99	128	49235	19.520	ug/L	97
25) Chloroform	5.11	83	189632	18.038	ug/L	99
27) 1,2-Dichloroethane	5.81	62	142506	19.622	ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	164284	19.515	ug/L	96
30) Cyclohexane	5.40	56	183321	21.754	ug/L	100
31) Carbon tetrachloride	5.54	117	143190	19.164	ug/L	99
33) Benzene	5.79	78	407477	19.509	ug/L	100
34) Trichloroethene	6.55	95	102995	19.253	ug/L	99
35) Methylcyclohexane	6.77	83	174210	21.881	ug/L	96
37) 1,2-Dichloropropane	6.80	63	110035	19.453	ug/L	98
38) Bromodichloromethane	7.11	83	141507	19.578	ug/L	98
39) cis-1,3-Dichloropropene	7.62	75	165897	21.829	ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	962744	244.989	ug/L	99

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42) Toluene	7.98	91	423640	20.116	ug/L	98
44) trans-1,3-Dichloropropene	8.22	75	153488	22.154	ug/L	96
45) 1,1,2-Trichloroethane	8.41	97	79737	20.470	ug/L	94
47) Tetrachloroethene	8.56	164	75055	18.937	ug/L	97
48) 2-Hexanone	8.69	43	707291	244.995	ug/L	99
49) Dibromochloromethane	8.82	129	94584	20.374	ug/L	97
50) 1,2-Dibromoethane	8.93	107	77577	21.243	ug/L	97
51) Chlorobenzene	9.45	112	262305	19.321	ug/L	98
52) Ethylbenzene	9.57	91	474793	20.961	ug/L	99
53) m,p-Xylene	9.69	106	174409	21.484	ug/L	97
54) o-Xylene	10.10	106	165101	21.366	ug/L	97
55) Styrene	10.11	104	293346	21.781	ug/L	100
56) Isopropylbenzene	10.48	105	448615	21.787	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	109632	21.824	ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	82227	21.750	ug/L	100
61) Bromoform	10.29	173	54553	21.218	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	205830	19.093	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	211021	18.979	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	201666	19.779	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	20785	21.347	ug/L	96
67) 1,3,5-Trichlorobenzene	13.21	180	150807	19.053	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	135653	20.423	ug/L	97
69) Naphthalene	14.08	128	295464	24.337	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	127267	19.832	ug/L	98

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

