

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102620\
 Data File : VU040937.D
 Acq On : 26 Oct 2020 11:58
 Operator : SY/MD
 Sample : VSTD01004
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01004

Quant Time: Oct 27 02:24:23 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	65370	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	64668	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	34051	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	55407	11.71	ug/L	0.00
7) Chloroethane-d5	1.92	69	43347	10.72	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	108581	10.96	ug/L	0.00
20) 2-Butanone-d5	4.66	46	195601	117.60	ug/L	0.00
24) Chloroform-d	5.08	84	97754	9.87	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	58816	10.39	ug/L	0.00
32) Benzene-d6	5.74	84	182106	10.53	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	58534	10.10	ug/L	0.00
41) Toluene-d8	7.91	98	168810	11.00	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	26665	11.18	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	153513	127.43	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	54062	10.81	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	60546	10.04	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	58904	8.996 ug/L	99
3) Chloromethane	1.53	50	61354	8.742 ug/L	99
5) Vinyl chloride	1.61	62	60883	9.215 ug/L	99
6) Bromomethane	1.87	94	35550	10.330 ug/L	98
8) Chloroethane	1.94	64	38346	9.006 ug/L	97
9) Trichlorofluoromethane	2.15	101	81626	9.304 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	48345	9.463 ug/L	99
12) 1,1-Dichloroethene	2.59	96	45820	9.602 ug/L	95
13) Acetone	2.68	43	123524	105.530 ug/L	# 57
14) Carbon disulfide	2.81	76	152038	9.047 ug/L	98
15) Methyl Acetate	2.98	43	29213	10.187 ug/L	97
16) Methylene chloride	3.06	84	51347	8.743 ug/L	98
17) Methyl tert-butyl Ether	3.38	73	123919	10.548 ug/L	100
18) trans-1,2-Dichloroethene	3.37	96	46563	9.459 ug/L	97
19) 1,1-Dichloroethane	3.89	63	92179	9.305 ug/L	97
21) 2-Butanone	4.75	43	201858	115.067 ug/L	99
22) cis-1,2-Dichloroethene	4.69	96	50730	9.428 ug/L	97
23) Bromochloromethane	5.00	128	24067	9.930 ug/L	98
25) Chloroform	5.11	83	93752	9.281 ug/L	97
27) 1,2-Dichloroethane	5.81	62	70072	10.041 ug/L	97
29) 1,1,1-Trichloroethane	5.33	97	80589	9.750 ug/L	96
30) Cyclohexane	5.40	56	84009	10.153 ug/L	98
31) Carbon tetrachloride	5.54	117	69465	9.469 ug/L	98
33) Benzene	5.79	78	200686	9.786 ug/L	100
34) Trichloroethene	6.56	95	50510	9.616 ug/L	96
35) Methylcyclohexane	6.77	83	80926	10.352 ug/L	97
37) 1,2-Dichloropropane	6.80	63	53111	9.563 ug/L	99
38) Bromodichloromethane	7.11	83	69192	9.750 ug/L	95
39) cis-1,3-Dichloropropene	7.62	75	76920	10.308 ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	462832	119.953 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	208260	10.072	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	72190	10.612	ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	39740	10.391	ug/L	94
47) Tetrachloroethene	8.56	164	36566	9.396	ug/L	99
48) 2-Hexanone	8.69	43	344782	121.634	ug/L	100
49) Dibromochloromethane	8.82	129	47347	10.387	ug/L	98
50) 1,2-Dibromoethane	8.93	107	38376	10.703	ug/L	99
51) Chlorobenzene	9.45	112	126419	9.484	ug/L	99
52) Ethylbenzene	9.57	91	227221	10.217	ug/L	100
53) m,p-Xylene	9.69	106	84438	10.593	ug/L	100
54) o-Xylene	10.10	106	79735	10.509	ug/L	98
55) Styrene	10.11	104	144947	10.961	ug/L	98
56) Isopropylbenzene	10.48	105	213463	10.558	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	52972	10.740	ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	39744	10.707	ug/L	99
61) Bromoform	10.29	173	26265	10.430	ug/L	100
62) 1,3-Dichlorobenzene	11.74	146	99498	9.423	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	101310	9.302	ug/L	97
65) 1,2-Dichlorobenzene	12.21	146	97202	9.733	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	9469	9.929	ug/L	97
67) 1,3,5-Trichlorobenzene	13.21	180	69877	9.013	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	60906	9.362	ug/L	98
69) Naphthalene	14.08	128	122661	10.315	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	59081	9.399	ug/L	98

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

