

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031620\
 Data File : VU037291.D
 Acq On : 16 Mar 2020 12:54
 Operator : JC/MD
 Sample : VSTD01003
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01003

Quant Time: Mar 16 18:29:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 16 18:25:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	134182	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	135865	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	71707	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	74725	8.95	ug/L	0.00
7) Chloroethane-d5	1.93	69	66755	10.85	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	161244	9.23	ug/L	0.00
20) 2-Butanone-d5	4.68	46	232895	104.88	ug/L	0.00
24) Chloroform-d	5.10	84	177167	10.10	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	98606	9.65	ug/L	0.00
32) Benzene-d6	5.76	84	307250	9.49	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	99640	9.44	ug/L	0.00
41) Toluene-d8	7.93	98	303198	9.97	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	45489	10.62	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	207967	114.67	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	84172	9.58	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	116930	9.58	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	161176	9.559 ug/L	99
3) Chloromethane	1.53	50	150967	10.276 ug/L	99
5) Vinyl chloride	1.62	62	138045	10.560 ug/L	99
6) Bromomethane	1.87	94	70073	13.373 ug/L	99
8) Chloroethane	1.95	64	74508	10.848 ug/L	94
9) Trichlorofluoromethane	2.16	101	208173	11.040 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	96851	10.220 ug/L	98
12) 1,1-Dichloroethene	2.60	96	86612	10.042 ug/L	99
13) Acetone	2.67	43	186712	103.511 ug/L	99
14) Carbon disulfide	2.82	76	278212	9.812 ug/L	100
15) Methyl Acetate	2.99	43	42947	10.022 ug/L	100
16) Methylene chloride	3.08	84	98462	9.540 ug/L	98
17) Methyl tert-butyl Ether	3.40	73	254436	10.847 ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	93927	10.378 ug/L	99
19) 1,1-Dichloroethane	3.91	63	188433	10.206 ug/L	96
21) 2-Butanone	4.75	43	302140	105.789 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	105235	10.477 ug/L	95
23) Bromochloromethane	5.02	128	47800	10.753 ug/L	96
25) Chloroform	5.13	83	203446	10.089 ug/L	99
27) 1,2-Dichloroethane	5.83	62	144176	10.190 ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	184238	10.523 ug/L	98
30) Cyclohexane	5.42	56	171630	10.382 ug/L	99
31) Carbon tetrachloride	5.56	117	165983	10.928 ug/L	100
33) Benzene	5.81	78	408119	10.286 ug/L	100
34) Trichloroethene	6.57	95	110410	10.248 ug/L	96
35) Methylcyclohexane	6.79	83	179093	10.829 ug/L	97
37) 1,2-Dichloropropane	6.82	63	108224	10.352 ug/L	100
38) Bromodichloromethane	7.13	83	149114	10.608 ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	167146	11.024 ug/L	97
40) 4-Methyl-2-pentanone	7.82	43	750465	101.528 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	458095	10.738	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	142322	11.250	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	76252	10.093	ug/L	99
47) Tetrachloroethene	8.58	164	87872	10.472	ug/L	97
48) 2-Hexanone	8.71	43	557029	108.812	ug/L	99
49) Dibromochloromethane	8.83	129	102579	11.099	ug/L	99
50) 1,2-Dibromoethane	8.95	107	76562	10.664	ug/L	97
51) Chlorobenzene	9.47	112	283482	10.260	ug/L	98
52) Ethylbenzene	9.59	91	520912	11.022	ug/L	97
53) m,p-Xylene	9.71	106	194030	11.418	ug/L	96
54) o-Xylene	10.12	106	184821	11.061	ug/L	97
55) Styrene	10.13	104	319802	11.713	ug/L	97
56) Isopropylbenzene	10.50	105	515343	11.500	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	100036	10.657	ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	74022	9.842	ug/L	99
61) Bromoform	10.31	173	60010	10.842	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	236398	10.144	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	232212	10.031	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	220562	9.958	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.02	75	17692	10.398	ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	184435	11.382	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	140979	12.645	ug/L	96
69) Naphthalene	14.12	128	212207	13.362	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	130350	12.507	ug/L	99

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

