

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037411.D
 Acq On : 28 Mar 2020 10:50
 Operator : JC/MD
 Sample : VSTD00103
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00103

Quant Time: Mar 28 12:30:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 28 11:41:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	123102	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	119491	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	62439	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	9199	1.13	ug/L	0.00
7) Chloroethane-d5	1.93	69	6996	1.04	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	18141	1.13	ug/L	0.00
20) 2-Butanone-d5	4.68	46	23801	12.29	ug/L	0.00
24) Chloroform-d	5.11	84	18080	1.09	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	10060	1.04	ug/L	0.00
32) Benzene-d6	5.76	84	34083	1.18	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	11685	1.28	ug/L	0.00
41) Toluene-d8	7.92	98	32612	1.13	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	5496	1.32	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	21333	13.69	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	9495	1.24	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	12260	1.07	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	11180	0.818 ug/L	100
3) Chloromethane	1.53	50	9917	0.720 ug/L	95
5) Vinyl chloride	1.61	62	10038	0.823 ug/L	98
6) Bromomethane	1.87	94	5729	1.171 ug/L	97
8) Chloroethane	1.95	64	6370	0.942 ug/L	94
9) Trichlorofluoromethane	2.16	101	13400	0.723 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	8136	0.947 ug/L	96
12) 1,1-Dichloroethene	2.60	96	8822	1.109 ug/L	88
13) Acetone	2.67	43	14874	10.940 ug/L	93
14) Carbon disulfide	2.82	76	29049	1.059 ug/L	99
15) Methyl Acetate	2.99	43	3656	1.019 ug/L #	71
16) Methylene chloride	3.08	84	9515	1.083 ug/L	94
17) Methyl tert-butyl Ether	3.41	73	22343	1.062 ug/L	95
18) trans-1,2-Dichloroethene	3.39	96	8839	1.045 ug/L	98
19) 1,1-Dichloroethane	3.91	63	16174	0.996 ug/L	94
21) 2-Butanone	4.76	43	25240	10.961 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	10356	1.123 ug/L #	95
23) Bromochloromethane	5.02	128	4123	0.974 ug/L	95
25) Chloroform	5.12	83	17029	0.942 ug/L	97
27) 1,2-Dichloroethane	5.83	62	11345	0.922 ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	15700	0.983 ug/L	97
30) Cyclohexane	5.42	56	16785	1.237 ug/L	94
31) Carbon tetrachloride	5.56	117	13246	0.956 ug/L	100
33) Benzene	5.81	78	37431	1.096 ug/L	100
34) Trichloroethene	6.57	95	10710	1.141 ug/L	93
35) Methylcyclohexane	6.79	83	16772	1.206 ug/L	98
37) 1,2-Dichloropropane	6.82	63	8919	0.997 ug/L	98
38) Bromodichloromethane	7.14	83	12953	1.055 ug/L	95
39) cis-1,3-Dichloropropene	7.64	75	15169	1.144 ug/L	90
40) 4-Methyl-2-pentanone	7.82	43	62401	11.124 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	38960	1.054	ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	13607	1.123	ug/L	97
45) 1,1,2-Trichloroethane	8.43	97	6942	1.079	ug/L	93
47) Tetrachloroethene	8.57	164	7239	0.954	ug/L	93
48) 2-Hexanone	8.71	43	43791	10.956	ug/L	96
49) Dibromochloromethane	8.83	129	8551	1.016	ug/L	92
50) 1,2-Dibromoethane	8.95	107	6797	1.076	ug/L	92
51) Chlorobenzene	9.47	112	27342	1.142	ug/L	96
52) Ethylbenzene	9.59	91	45088	1.093	ug/L	99
53) m,p-Xylene	9.71	106	17025	1.131	ug/L	97
54) o-Xylene	10.12	106	16908	1.150	ug/L	90
55) Styrene	10.13	104	27915	1.139	ug/L	97
56) Isopropylbenzene	10.50	105	44657	1.101	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	9097	1.125	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	6490	1.082	ug/L	100
61) Bromoform	10.31	173	5135	0.980	ug/L #	95
62) 1,3-Dichlorobenzene	11.76	146	20992	1.057	ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	22780	1.135	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	20767	1.088	ug/L	96
66) 1,2-Dibromo-3-chloropropan	13.02	75	1727	1.177	ug/L	99
67) 1,3,5-Trichlorobenzene	13.24	180	15845	1.077	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	15588	1.447	ug/L	99
69) Naphthalene	14.11	128	30389	2.055	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	14360	1.410	ug/L	94

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

