

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031620\
 Data File : VU037289.D
 Acq On : 16 Mar 2020 12:05
 Operator : JC/MD
 Sample : VSTD00101
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00101

Quant Time: Mar 16 18:28:43 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	128757	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	128539	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	56996	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	6527	0.81	ug/L	0.00
7) Chloroethane-d5	1.93	69	5679	0.96	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	13633	0.81	ug/L	0.00
20) 2-Butanone-d5	4.69	46	18779	8.81	ug/L	0.00
24) Chloroform-d	5.10	84	14748	0.88	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	8488	0.87	ug/L	0.00
32) Benzene-d6	5.76	84	25127	0.82	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	8403	0.84	ug/L	0.00
41) Toluene-d8	7.92	98	24161	0.84	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	3248	0.80	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	14567	8.49	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	7028	0.85	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	8989	0.93	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	13678	0.845 ug/L	97
3) Chloromethane	1.53	50	14315	1.015 ug/L	99
5) Vinyl chloride	1.62	62	11982	0.955 ug/L	97
6) Bromomethane	1.87	94	5970	1.187 ug/L	88
8) Chloroethane	1.95	64	7226	1.096 ug/L	97
9) Trichlorofluoromethane	2.16	101	18562	1.026 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	8519	0.937 ug/L	97
12) 1,1-Dichloroethene	2.61	96	7429	0.898 ug/L	93
13) Acetone	2.68	43	16178	9.347 ug/L	96
14) Carbon disulfide	2.82	76	24998	0.919 ug/L	97
15) Methyl Acetate	2.99	43	4057	0.987 ug/L	95
16) Methylene chloride	3.08	84	9668	0.976 ug/L	97
17) Methyl tert-butyl Ether	3.40	73	21644	0.962 ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	8030	0.925 ug/L	93
19) 1,1-Dichloroethane	3.91	63	16278	0.919 ug/L	96
21) 2-Butanone	4.76	43	24821	9.057 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	9010	0.935 ug/L	93
23) Bromochloromethane	5.02	128	4244	0.995 ug/L	93
25) Chloroform	5.13	83	18424	0.952 ug/L	97
27) 1,2-Dichloroethane	5.83	62	12890	0.949 ug/L	95
29) 1,1,1-Trichloroethane	5.36	97	16270	0.982 ug/L	100
30) Cyclohexane	5.43	56	14009	0.896 ug/L	98
31) Carbon tetrachloride	5.56	117	13991	0.974 ug/L	99
33) Benzene	5.81	78	34646	0.923 ug/L	100
34) Trichloroethene	6.57	95	9756	0.957 ug/L	90
35) Methylcyclohexane	6.79	83	13824	0.884 ug/L	99
37) 1,2-Dichloropropane	6.82	63	9282	0.938 ug/L	# 97
38) Bromodichloromethane	7.13	83	12939	0.973 ug/L	96
39) cis-1,3-Dichloropropene	7.64	75	13380	0.933 ug/L	98
40) 4-Methyl-2-pentanone	7.83	43	61167	8.747 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	36640	0.908	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	11169	0.933	ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	6870	0.961	ug/L	94
47) Tetrachloroethene	8.57	164	7463	0.940	ug/L	93
48) 2-Hexanone	8.72	43	44545	9.198	ug/L	94
49) Dibromochloromethane	8.83	129	8816	1.008	ug/L	96
50) 1,2-Dibromoethane	8.95	107	6516	0.959	ug/L	100
51) Chlorobenzene	9.47	112	25148	0.962	ug/L	99
52) Ethylbenzene	9.59	91	40484	0.905	ug/L	97
53) m,p-Xylene	9.71	106	14689	0.914	ug/L	90
54) o-Xylene	10.12	106	14330	0.906	ug/L	100
55) Styrene	10.13	104	22373	0.866	ug/L	98
56) Isopropylbenzene	10.50	105	39403	0.929	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	8764	0.987	ug/L #	98
59) 1,2,3-Trichloropropane	10.84	75	6556	0.921	ug/L	98
61) Bromoform	10.31	173	5009	1.139	ug/L	97
62) 1,3-Dichlorobenzene	11.76	146	18841	1.017	ug/L	95
63) 1,4-Dichlorobenzene	11.85	146	18349	0.997	ug/L	96
65) 1,2-Dichlorobenzene	12.23	146	17807	1.011	ug/L	95
66) 1,2-Dibromo-3-chloropropan	13.02	75	1348	0.997	ug/L	92
67) 1,3,5-Trichlorobenzene	13.24	180	13560	1.053	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	7431	0.839	ug/L	93
69) Naphthalene	14.12	128	8420	0.667	ug/L	98
70) 1,2,3-Trichlorobenzene	14.36	180	7416	0.895	ug/L	98

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

