

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033120\
 Data File : VU037494.D
 Acq On : 31 Mar 2020 11:48
 Operator : JC/MD
 Sample : VSTD00104
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00104

Manual Integrations
 APPROVED

apatel
 4/1/2020 7:27:27 PM

Quant Time: Mar 31 12:46:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 31 12:37:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	91437	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	85795	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	39942	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	6920	1.03	ug/L	0.00
7) Chloroethane-d5	1.93	69	6500	1.29	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	14025	1.06	ug/L	0.00
20) 2-Butanone-d5	4.69	46	21984	11.95	ug/L	0.00
24) Chloroform-d	5.11	84	13344	1.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	7575	1.03	ug/L	0.00
32) Benzene-d6	5.76	84	25943	1.05	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	8997	1.10	ug/L	0.00
41) Toluene-d8	7.92	98	24753	1.05	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	3725	0.97	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	17965	11.71	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	7052	1.02	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	8505	1.08	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	7218	0.941 ug/L	99
3) Chloromethane	1.53	50	7297	1.073 ug/L	91
5) Vinyl chloride	1.62	62	7645	1.068 ug/L	94
6) Bromomethane	1.88	94	3870	0.959 ug/L	98
8) Chloroethane	1.95	64	4592	1.150 ug/L	98
9) Trichlorofluoromethane	2.16	101	10819	1.129 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	6423	1.100 ug/L	97
12) 1,1-Dichloroethene	2.60	96	6310	1.049 ug/L	87
13) Acetone	2.69	43	12501m	11.826 ug/L	
14) Carbon disulfide	2.82	76	21561	1.048 ug/L	100
15) Methyl Acetate	2.99	43	3164	1.071 ug/L #	82
16) Methylene chloride	3.08	84	7090	1.055 ug/L	90
17) Methyl tert-butyl Ether	3.41	73	17030	1.041 ug/L #	89
18) trans-1,2-Dichloroethene	3.39	96	6720	1.069 ug/L	99
19) 1,1-Dichloroethane	3.91	63	12456	1.060 ug/L	98
21) 2-Butanone	4.77	43	20551	11.436 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	7424	1.054 ug/L	99
23) Bromochloromethane	5.02	128	2926	0.940 ug/L	84
25) Chloroform	5.13	83	12686	1.026 ug/L	98
27) 1,2-Dichloroethane	5.83	62	8874	1.074 ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	11101	1.029 ug/L	98
30) Cyclohexane	5.43	56	12244	1.108 ug/L	98
31) Carbon tetrachloride	5.56	117	9045	0.971 ug/L	99
33) Benzene	5.81	78	27772	1.093 ug/L	100
34) Trichloroethene	6.57	95	7267	1.004 ug/L	93
35) Methylcyclohexane	6.79	83	12529	1.094 ug/L	96
37) 1,2-Dichloropropane	6.82	63	7296	1.111 ug/L #	92
38) Bromodichloromethane	7.14	83	9583	1.067 ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	11057	1.032 ug/L	94
40) 4-Methyl-2-pentanone	7.82	43	54551	12.475 ug/L	100

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42) Toluene	8.00	91	29069	1.062	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	9760	1.019	ug/L	98
45) 1,1,2-Trichloroethane	8.43	97	5000	1.018	ug/L	94
47) Tetrachloroethene	8.57	164	4960	0.995	ug/L	89
48) 2-Hexanone	8.71	43	39099	12.405	ug/L	97
49) Dibromochloromethane	8.83	129	6373	1.051	ug/L	85
50) 1,2-Dibromoethane	8.95	107	4940	1.036	ug/L #	91
51) Chlorobenzene	9.47	112	17913	0.947	ug/L	99
52) Ethylbenzene	9.59	91	33770	1.075	ug/L	98
53) m,p-Xylene	9.71	106	12035	1.014	ug/L	98
54) o-Xylene	10.12	106	12143	1.048	ug/L	89
55) Styrene	10.13	104	20608	1.041	ug/L	98
56) Isopropylbenzene	10.50	105	31810	1.030	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.80	83	7198	1.148	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	4928	1.079	ug/L	100
61) Bromoform	10.31	173	3327	1.002	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	14243	1.109	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	14738	1.075	ug/L	97
65) 1,2-Dichlorobenzene	12.23	146	13461	1.086	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	1464	1.342	ug/L #	83
67) 1,3,5-Trichlorobenzene	13.24	180	9994	1.003	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	9227	0.961	ug/L	96
69) Naphthalene	14.11	128	21648	1.161	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	8191	0.949	ug/L	95

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

