

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031620\
 Data File : VU037290.D
 Acq On : 16 Mar 2020 12:29
 Operator : JC/MD
 Sample : VSTD00502
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00502

Quant Time: Mar 16 18:29:00 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	138099	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	133516	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	69909	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	34272	3.99	ug/L	0.00
7) Chloroethane-d5	1.93	69	31584	4.99	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	79524	4.42	ug/L	0.00
20) 2-Butanone-d5	4.68	46	110456	48.33	ug/L	0.00
24) Chloroform-d	5.10	84	82627	4.58	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	47417	4.51	ug/L	0.00
32) Benzene-d6	5.76	84	143570	4.51	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	47566	4.59	ug/L	0.00
41) Toluene-d8	7.92	98	141161	4.72	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	21238	5.05	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	95583	53.63	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	41982	4.86	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	54642	4.59	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	79044	4.555	ug/L 100
3) Chloromethane	1.53	50	72916	4.823	ug/L 100
5) Vinyl chloride	1.62	62	67312	5.003	ug/L 100
6) Bromomethane	1.87	94	34120	6.327	ug/L 100
8) Chloroethane	1.95	64	36834	5.211	ug/L 100
9) Trichlorofluoromethane	2.16	101	101586	5.234	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	47231	4.843	ug/L 100
12) 1,1-Dichloroethene	2.60	96	43314	4.879	ug/L 100
13) Acetone	2.68	43	93971	50.619	ug/L 100
14) Carbon disulfide	2.82	76	136377	4.673	ug/L 100
15) Methyl Acetate	2.99	43	21174	4.801	ug/L 100
16) Methylene chloride	3.08	84	49517	4.661	ug/L 100
17) Methyl tert-butyl Ether	3.41	73	123830	5.129	ug/L 100
18) trans-1,2-Dichloroethene	3.39	96	45711	4.907	ug/L 100
19) 1,1-Dichloroethane	3.91	63	93456	4.918	ug/L 100
21) 2-Butanone	4.76	43	148645	50.569	ug/L 100
22) cis-1,2-Dichloroethene	4.71	96	50548	4.890	ug/L 100
23) Bromochloromethane	5.01	128	23832	5.209	ug/L 100
25) Chloroform	5.13	83	101016	4.867	ug/L 100
27) 1,2-Dichloroethane	5.83	62	71082	4.881	ug/L 100
29) 1,1,1-Trichloroethane	5.36	97	91654	5.327	ug/L 100
30) Cyclohexane	5.42	56	80315	4.944	ug/L 100
31) Carbon tetrachloride	5.56	117	79644	5.336	ug/L 100
33) Benzene	5.81	78	199712	5.122	ug/L 100
34) Trichloroethene	6.57	95	54391	5.137	ug/L 100
35) Methylcyclohexane	6.79	83	82564	5.080	ug/L 100
37) 1,2-Dichloropropane	6.82	63	53199	5.178	ug/L 100
38) Bromodichloromethane	7.14	83	73619	5.330	ug/L 100
39) cis-1,3-Dichloropropene	7.64	75	79694	5.349	ug/L 100
40) 4-Methyl-2-pentanone	7.82	43	370048	50.943	ug/L 100

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42) Toluene	8.00	91	220417	5.258	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	67058	5.394	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	38056	5.126	ug/L	100
47) Tetrachloroethene	8.58	164	42307	5.130	ug/L	100
48) 2-Hexanone	8.71	43	269132	53.498	ug/L	100
49) Dibromochloromethane	8.83	129	50093	5.515	ug/L	100
50) 1,2-Dibromoethane	8.95	107	37451	5.308	ug/L	100
51) Chlorobenzene	9.47	112	136792	5.038	ug/L	100
52) Ethylbenzene	9.59	91	245272	5.281	ug/L	100
53) m,p-Xylene	9.71	106	90560	5.423	ug/L	100
54) o-Xylene	10.12	106	89382	5.443	ug/L	100
55) Styrene	10.13	104	147314	5.490	ug/L	100
56) Isopropylbenzene	10.50	105	241626	5.487	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	49756	5.394	ug/L	100
59) 1,2,3-Trichloropropane	10.84	75	37311	5.048	ug/L	100
61) Bromoform	10.31	173	29120	5.397	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	111508	4.908	ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	108400	4.803	ug/L	100
65) 1,2-Dichlorobenzene	12.23	146	106678	4.940	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	8286	4.995	ug/L	100
67) 1,3,5-Trichlorobenzene	13.24	180	84577	5.354	ug/L	100
68) 1,2,4-trichlorobenzene	13.87	180	61197	5.630	ug/L	100
69) Naphthalene	14.12	128	83228	5.375	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	57122	5.622	ug/L	100

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

