

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031620\
 Data File : VU037288.D
 Acq On : 16 Mar 2020 11:41
 Operator : JC/MD
 Sample : VSTD0.506
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.506

Quant Time: Mar 16 18:28:26 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	126212	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	121214	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	56365	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	3255	0.41	ug/L	0.00
7) Chloroethane-d5	1.93	69	2867	0.50	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	7364	0.45	ug/L	0.00
20) 2-Butanone-d5	4.69	46	8915	4.27	ug/L	0.00
24) Chloroform-d	5.11	84	6999	0.42	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	4658	0.48	ug/L	0.00
32) Benzene-d6	5.76	84	12407	0.43	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	4108	0.44	ug/L	0.00
41) Toluene-d8	7.93	98	11798	0.43	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	1851	0.48	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	7501	4.64	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.78	84	3444	0.44	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	5121	0.53	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	7712	0.486 ug/L	99
3) Chloromethane	1.53	50	8304	0.601 ug/L	97
5) Vinyl chloride	1.62	62	7140	0.581 ug/L	100
6) Bromomethane	1.87	94	3873	0.786 ug/L	93
8) Chloroethane	1.95	64	4507	0.698 ug/L	99
9) Trichlorofluoromethane	2.16	101	10752	0.606 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	4881	0.548 ug/L	97
12) 1,1-Dichloroethene	2.60	96	4573	0.564 ug/L	92
13) Acetone	2.68	43	7709	4.544 ug/L	97
14) Carbon disulfide	2.82	76	14818	0.556 ug/L	98
15) Methyl Acetate	3.00	43	1766	0.438 ug/L #	83
16) Methylene chloride	3.08	84	5799	0.597 ug/L	99
17) Methyl tert-butyl Ether	3.41	73	12346	0.560 ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	4894	0.575 ug/L	95
19) 1,1-Dichloroethane	3.92	63	9982	0.575 ug/L	93
21) 2-Butanone	4.77	43	12829	4.775 ug/L	97
22) cis-1,2-Dichloroethene	4.71	96	5297	0.561 ug/L	98
23) Bromochloromethane	5.01	128	2279	0.545 ug/L	91
25) Chloroform	5.13	83	10812	0.570 ug/L	97
27) 1,2-Dichloroethane	5.83	62	7383	0.555 ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	9140	0.585 ug/L	97
30) Cyclohexane	5.43	56	7780	0.528 ug/L #	90
31) Carbon tetrachloride	5.56	117	7812	0.576 ug/L	97
33) Benzene	5.81	78	20197	0.571 ug/L	100
34) Trichloroethene	6.57	95	5510	0.573 ug/L	97
35) Methylcyclohexane	6.79	83	7517	0.509 ug/L	95
37) 1,2-Dichloropropane	6.83	63	5255	0.563 ug/L #	97
38) Bromodichloromethane	7.14	83	7845	0.626 ug/L #	93
39) cis-1,3-Dichloropropene	7.64	75	7511	0.555 ug/L	98
40) 4-Methyl-2-pentanone	7.83	43	32182	4.880 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.00	91	20025	0.526	ug/L	97
44) trans-1,3-Dichloropropene	8.24	75	6069	0.538	ug/L	97
45) 1,1,2-Trichloroethane	8.43	97	3886	0.577	ug/L	93
47) Tetrachloroethene	8.58	164	4162	0.556	ug/L	95
48) 2-Hexanone	8.72	43	23744	5.199	ug/L	99
49) Dibromochloromethane	8.83	129	4692	0.569	ug/L	99
50) 1,2-Dibromoethane	8.95	107	3540	0.553	ug/L #	98
51) Chlorobenzene	9.47	112	13786	0.559	ug/L	97
52) Ethylbenzene	9.59	91	23185	0.550	ug/L	100
53) m,p-Xylene	9.72	106	8457	0.558	ug/L	97
54) o-Xylene	10.12	106	7625	0.511	ug/L	99
55) Styrene	10.13	104	13291	0.546	ug/L	98
56) Isopropylbenzene	10.50	105	22216	0.556	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	5258	0.628	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	3943	0.588	ug/L	94
61) Bromoform	10.31	173	2857	0.657	ug/L #	94
62) 1,3-Dichlorobenzene	11.76	146	10619	0.580	ug/L	95
63) 1,4-Dichlorobenzene	11.85	146	11066	0.608	ug/L	96
65) 1,2-Dichlorobenzene	12.23	146	11319	0.650	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	818	0.612	ug/L #	78
67) 1,3,5-Trichlorobenzene	13.25	180	8028	0.630	ug/L	94
68) 1,2,4-trichlorobenzene	13.87	180	5016	0.572	ug/L	93
69) Naphthalene	14.12	128	6737	0.540	ug/L	96
70) 1,2,3-Trichlorobenzene	14.37	180	5410	0.660	ug/L	93

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

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