

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072120\
 Data File : VU039588.D
 Acq On : 21 Jul 2020 10:07
 Operator : SY/MD
 Sample : VSTD00502
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00502

Quant Time: Jul 21 11:02:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 21 10:59:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	123359	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	121880	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	59487	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	26995	4.09	ug/L	0.00
7) Chloroethane-d5	1.93	69	31262	4.44	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	62423	4.62	ug/L	0.00
20) 2-Butanone-d5	4.66	46	124339	40.82	ug/L	0.00
24) Chloroform-d	5.08	84	71909	4.88	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	45762	4.91	ug/L	0.00
32) Benzene-d6	5.75	84	135856	4.80	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.71	67	45245	4.58	ug/L	0.00
41) Toluene-d8	7.91	98	129518	5.17	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	19814	4.53	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	98147	39.14	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.76	84	44037	4.48	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	50748	4.89	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	32536	4.535	ug/L 100
3) Chloromethane	1.53	50	34038	3.974	ug/L 100
5) Vinyl chloride	1.61	62	36256	3.833	ug/L 100
6) Bromomethane	1.87	94	23851	5.382	ug/L 100
8) Chloroethane	1.94	64	29735	4.227	ug/L 100
9) Trichlorofluoromethane	2.15	101	78029	4.556	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	33278	4.749	ug/L 100
12) 1,1-Dichloroethene	2.59	96	30087	4.280	ug/L 100
13) Acetone	2.66	43	73302	42.654	ug/L 100
14) Carbon disulfide	2.81	76	91800	3.775	ug/L 100
15) Methyl Acetate	2.97	43	18540	4.125	ug/L 100
16) Methylene chloride	3.06	84	38494	4.290	ug/L 100
17) Methyl tert-butyl Ether	3.39	73	97131	4.318	ug/L 100
18) trans-1,2-Dichloroethene	3.37	96	33524	4.276	ug/L 100
19) 1,1-Dichloroethane	3.89	63	71196	4.541	ug/L 100
21) 2-Butanone	4.74	43	129877	42.616	ug/L 100
22) cis-1,2-Dichloroethene	4.69	96	40104	4.500	ug/L 100
23) Bromochloromethane	5.00	128	17831	4.412	ug/L 100
25) Chloroform	5.11	83	77851	4.873	ug/L 100
27) 1,2-Dichloroethane	5.81	62	54563	4.753	ug/L 100
29) 1,1,1-Trichloroethane	5.34	97	65555	4.635	ug/L 100
30) Cyclohexane	5.41	56	57313	4.002	ug/L 100
31) Carbon tetrachloride	5.54	117	55755	4.636	ug/L 100
33) Benzene	5.79	78	150783	4.272	ug/L 100
34) Trichloroethene	6.56	95	40318	4.403	ug/L 100
35) Methylcyclohexane	6.78	83	61016	4.232	ug/L 100
37) 1,2-Dichloropropane	6.80	63	42166	4.378	ug/L 100
38) Bromodichloromethane	7.12	83	54810	4.430	ug/L 100
39) cis-1,3-Dichloropropene	7.62	75	59593	4.109	ug/L 100
40) 4-Methyl-2-pentanone	7.80	43	320836	40.228	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	166498	4.387	ug/L	100
44) trans-1,3-Dichloropropene	8.22	75	54064	4.203	ug/L	100
45) 1,1,2-Trichloroethane	8.41	97	30458	4.390	ug/L	100
47) Tetrachloroethene	8.56	164	29181	4.547	ug/L	100
48) 2-Hexanone	8.69	43	232292	39.608	ug/L	100
49) Dibromochloromethane	8.82	129	37600	4.438	ug/L	100
50) 1,2-Dibromoethane	8.93	107	29966	4.263	ug/L	100
51) Chlorobenzene	9.45	112	104900	4.490	ug/L	100
52) Ethylbenzene	9.57	91	187722	4.455	ug/L	100
53) m,p-Xylene	9.70	106	70603	4.441	ug/L	100
54) o-Xylene	10.10	106	68656	4.424	ug/L	100
55) Styrene	10.11	104	118550	4.387	ug/L	100
56) Isopropylbenzene	10.48	105	188705	4.491	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	41701	4.307	ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	30489	4.254	ug/L	100
61) Bromoform	10.29	173	21265	4.357	ug/L	100
62) 1,3-Dichlorobenzene	11.74	146	82762	4.534	ug/L	100
63) 1,4-Dichlorobenzene	11.83	146	82119	4.474	ug/L	100
65) 1,2-Dichlorobenzene	12.21	146	79809	4.369	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.99	75	7237	4.535	ug/L	100
67) 1,3,5-Trichlorobenzene	13.21	180	61243	4.486	ug/L	100
68) 1,2,4-trichlorobenzene	13.83	180	49123	4.251	ug/L	100
69) Naphthalene	14.08	128	83095	3.647	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	43990	4.141	ug/L	100

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

