

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033120\
 Data File : VU037497.D
 Acq On : 31 Mar 2020 13:02
 Operator : JC/MD
 Sample : VSTD02001
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02001

Quant Time: Mar 31 13:24:06 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	93302	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	89254	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	43006	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	136831	19.87	ug/L	0.00
7) Chloroethane-d5	1.93	69	100124	19.41	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	265377	19.73	ug/L	0.00
20) 2-Butanone-d5	4.67	46	412600	219.79	ug/L	-0.01
24) Chloroform-d	5.10	84	264439	19.42	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	144302	19.28	ug/L	0.00
32) Benzene-d6	5.76	84	511957	19.85	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	170273	19.95	ug/L	0.00
41) Toluene-d8	7.92	98	465941	19.05	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	76818	19.14	ug/L	0.00
46) 2-Hexanone-d5	8.66	63	341448	213.99	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	143069	19.97	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	164350	19.40	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	139976	17.879 ug/L	98
3) Chloromethane	1.53	50	139372	20.084 ug/L	98
5) Vinyl chloride	1.62	62	148779	20.369 ug/L	97
6) Bromomethane	1.87	94	68777	16.710 ug/L	97
8) Chloroethane	1.95	64	77365	18.989 ug/L	97
9) Trichlorofluoromethane	2.16	101	212656	21.747 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	122088	20.491 ug/L	98
12) 1,1-Dichloroethene	2.60	96	119655	19.499 ug/L	88
13) Acetone	2.67	43	219957	203.921 ug/L	97
14) Carbon disulfide	2.82	76	406223	19.350 ug/L	100
15) Methyl Acetate	2.98	43	60351	20.027 ug/L	99
16) Methylene chloride	3.08	84	132766	19.361 ug/L	98
17) Methyl tert-butyl Ether	3.40	73	335299	20.079 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	125474	19.553 ug/L	98
19) 1,1-Dichloroethane	3.91	63	239100	19.937 ug/L	99
21) 2-Butanone	4.75	43	400432	218.374 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	140495	19.539 ug/L	96
23) Bromochloromethane	5.02	128	58894	18.540 ug/L	99
25) Chloroform	5.13	83	239591	18.991 ug/L	97
27) 1,2-Dichloroethane	5.83	62	163159	19.358 ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	218060	19.437 ug/L	99
30) Cyclohexane	5.43	56	236921	20.609 ug/L	99
31) Carbon tetrachloride	5.56	117	183073	18.900 ug/L	99
33) Benzene	5.81	78	524539	19.846 ug/L	100
34) Trichloroethene	6.57	95	141298	18.770 ug/L	97
35) Methylcyclohexane	6.79	83	233470	19.596 ug/L	97
37) 1,2-Dichloropropane	6.82	63	141523	20.712 ug/L	100
38) Bromodichloromethane	7.13	83	186410	19.949 ug/L	98
39) cis-1,3-Dichloropropene	7.64	75	223922	20.096 ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	1013481	222.787 ug/L	99

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42) Toluene	8.00	91	566099	19.874	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	199288	20.007	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	101260	19.815	ug/L	97
47) Tetrachloroethene	8.58	164	93340	18.000	ug/L	98
48) 2-Hexanone	8.71	43	739204	225.438	ug/L	99
49) Dibromochloromethane	8.83	129	123798	19.629	ug/L	90
50) 1,2-Dibromoethane	8.95	107	100697	20.300	ug/L	93
51) Chlorobenzene	9.47	112	347563	17.662	ug/L	98
52) Ethylbenzene	9.59	91	647465	19.806	ug/L	99
53) m,p-Xylene	9.71	106	239258	19.371	ug/L	94
54) o-Xylene	10.12	106	227278	18.853	ug/L	95
55) Styrene	10.13	104	404652	19.644	ug/L	99
56) Isopropylbenzene	10.50	105	639858	19.922	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	138239	21.192	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	97118	20.433	ug/L	98
61) Bromoform	10.31	173	70797	19.807	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	273612	19.785	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	271050	18.357	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	255292	19.123	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	28399	24.176	ug/L	89
67) 1,3,5-Trichlorobenzene	13.24	180	196290	18.304	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	185348	17.927	ug/L	96
69) Naphthalene	14.11	128	414711	20.663	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	166374	17.894	ug/L	98

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

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