

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063020\
 Data File : VU039239.D
 Acq On : 30 Jun 2020 15:01
 Operator : SY/MD
 Sample : VSTD02001
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02001

Quant Time: Jun 30 15:18:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR063020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 30 14:53:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	308785	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	310272	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	158832	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	454632	17.00	ug/L	0.00
7) Chloroethane-d5	1.93	69	395392	18.39	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	845707	16.88	ug/L	0.00
20) 2-Butanone-d5	4.68	46	2092913	246.75	ug/L	0.00
24) Chloroform-d	5.10	84	870800	17.82	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	520184	17.03	ug/L	0.00
32) Benzene-d6	5.76	84	1612722	17.60	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	568761	19.33	ug/L	0.00
41) Toluene-d8	7.92	98	1324817	16.63	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	258748	19.01	ug/L	0.00
46) 2-Hexanone-d5	8.65	63	1706800	270.64	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	568524	21.26	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	546918	16.83	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	526989	17.638	ug/L 100
3) Chloromethane	1.53	50	646908	21.014	ug/L 99
5) Vinyl chloride	1.62	62	640129	20.799	ug/L 99
6) Bromomethane	1.88	94	319770	19.584	ug/L 97
8) Chloroethane	1.95	64	386690	20.592	ug/L 99
9) Trichlorofluoromethane	2.16	101	740979	17.187	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	428405	18.306	ug/L 94
12) 1,1-Dichloroethene	2.60	96	416931	18.596	ug/L 93
13) Acetone	2.68	43	1131715	217.727	ug/L 100
14) Carbon disulfide	2.82	76	1478240	19.028	ug/L 100
15) Methyl Acetate	2.99	43	282841	22.082	ug/L 93
16) Methylene chloride	3.08	84	479211	17.810	ug/L 89
17) Methyl tert-butyl Ether	3.40	73	1248947	20.820	ug/L 98
18) trans-1,2-Dichloroethene	3.39	96	436663	18.432	ug/L 93
19) 1,1-Dichloroethane	3.91	63	898910	19.935	ug/L 99
21) 2-Butanone	4.75	43	2019163	247.018	ug/L 93
22) cis-1,2-Dichloroethene	4.71	96	487298	20.459	ug/L 90
23) Bromochloromethane	5.01	128	210159	18.210	ug/L # 81
25) Chloroform	5.12	83	857717	18.987	ug/L 96
27) 1,2-Dichloroethane	5.83	62	627087	18.737	ug/L 99
29) 1,1,1-Trichloroethane	5.35	97	716425	17.706	ug/L 97
30) Cyclohexane	5.42	56	874060	23.297	ug/L 93
31) Carbon tetrachloride	5.56	117	587492	17.238	ug/L 100
33) Benzene	5.81	78	1947879	20.118	ug/L 100
34) Trichloroethene	6.57	95	466377	18.824	ug/L 96
35) Methylcyclohexane	6.79	83	811941	22.099	ug/L 95
37) 1,2-Dichloropropane	6.82	63	541201	21.159	ug/L 98
38) Bromodichloromethane	7.13	83	634683	19.066	ug/L 98
39) cis-1,3-Dichloropropene	7.63	75	791877	21.636	ug/L 99
40) 4-Methyl-2-pentanone	7.82	43	4738041	256.939	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	2031585	21.023	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	735861	20.378	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	375362	19.667	ug/L	95
47) Tetrachloroethene	8.57	164	320559	18.011	ug/L	96
48) 2-Hexanone	8.71	43	3578604	253.123	ug/L	97
49) Dibromochloromethane	8.83	129	419358	18.992	ug/L	96
50) 1,2-Dibromoethane	8.94	107	369300	19.768	ug/L	94
51) Chlorobenzene	9.47	112	1212495	19.332	ug/L	97
52) Ethylbenzene	9.59	91	2245889	21.345	ug/L	98
53) m,p-Xylene	9.71	106	824546	21.204	ug/L	98
54) o-Xylene	10.11	106	800951	21.582	ug/L	98
55) Styrene	10.13	104	1434494	22.275	ug/L	98
56) Isopropylbenzene	10.50	105	2145972	22.458	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	517617	21.420	ug/L #	99
59) 1,2,3-Trichloropropane	10.84	75	399712	21.310	ug/L	99
61) Bromoform	10.31	173	237995	18.695	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	926138	18.415	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	937159	18.462	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	906020	18.749	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	98755	20.495	ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	671040	18.314	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	620186	19.556	ug/L	98
69) Naphthalene	14.11	128	1408577	23.396	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	581142	19.191	ug/L	97

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

