

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063020\
 Data File : VU039237.D
 Acq On : 30 Jun 2020 14:15
 Operator : SY/MD
 Sample : VSTD00505
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00505

Quant Time: Jun 30 14:57:09 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	230120	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	246802	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	114416	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	80792	4.05	ug/L	0.00
7) Chloroethane-d5	1.93	69	69295	4.32	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.60	63	153074	4.10	ug/L	0.00
20) 2-Butanone-d5	4.68	46	306021	48.41	ug/L	0.00
24) Chloroform-d	5.10	84	168331	4.62	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	103432	4.54	ug/L	0.00
32) Benzene-d6	5.76	84	296246	4.06	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	97211	4.15	ug/L	0.00
41) Toluene-d8	7.92	98	249345	3.94	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	45158	4.17	ug/L	0.00
46) 2-Hexanone-d5	8.65	63	238630	47.57	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	98575	4.63	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	102636	4.39	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	104562	4.696	ug/L 100
3) Chloromethane	1.53	50	100120	4.364	ug/L 100
5) Vinyl chloride	1.62	62	104772	4.568	ug/L 100
6) Bromomethane	1.88	94	56782	4.666	ug/L 100
8) Chloroethane	1.95	64	64531	4.611	ug/L 100
9) Trichlorofluoromethane	2.16	101	176922	5.507	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	82820	4.749	ug/L 100
12) 1,1-Dichloroethene	2.61	96	77594	4.644	ug/L 100
13) Acetone	2.68	43	173443	44.775	ug/L 100
14) Carbon disulfide	2.82	76	261794	4.522	ug/L 100
15) Methyl Acetate	2.99	43	40441	4.237	ug/L 100
16) Methylene chloride	3.08	84	93046	4.640	ug/L 100
17) Methyl tert-butyl Ether	3.40	73	206449	4.618	ug/L 100
18) trans-1,2-Dichloroethene	3.39	96	81161	4.597	ug/L 100
19) 1,1-Dichloroethane	3.91	63	153852	4.578	ug/L 100
21) 2-Butanone	4.76	43	274551	45.069	ug/L 100
22) cis-1,2-Dichloroethene	4.71	96	84396	4.755	ug/L 100
23) Bromochloromethane	5.02	128	40351	4.692	ug/L 100
25) Chloroform	5.12	83	158790	4.717	ug/L 100
27) 1,2-Dichloroethane	5.83	62	116789	4.683	ug/L 100
29) 1,1,1-Trichloroethane	5.35	97	142211	4.418	ug/L 100
30) Cyclohexane	5.42	56	127283	4.265	ug/L 100
31) Carbon tetrachloride	5.56	117	121339	4.476	ug/L 100
33) Benzene	5.81	78	336874	4.374	ug/L 100
34) Trichloroethene	6.57	95	84766	4.301	ug/L 100
35) Methylcyclohexane	6.79	83	128964	4.413	ug/L 100
37) 1,2-Dichloropropane	6.82	63	87410	4.296	ug/L 100
38) Bromodichloromethane	7.13	83	126641	4.783	ug/L 100
39) cis-1,3-Dichloropropene	7.63	75	123552	4.244	ug/L 100
40) 4-Methyl-2-pentanone	7.82	43	641179	43.712	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	350577	4.561	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	119639	4.165	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	66356	4.371	ug/L	100
47) Tetrachloroethene	8.57	164	62298	4.400	ug/L	100
48) 2-Hexanone	8.71	43	504542	44.865	ug/L	100
49) Dibromochloromethane	8.83	129	77854	4.433	ug/L	100
50) 1,2-Dibromoethane	8.94	107	66787	4.494	ug/L	100
51) Chlorobenzene	9.47	112	232330	4.657	ug/L	100
52) Ethylbenzene	9.59	91	390342	4.664	ug/L	100
53) m,p-Xylene	9.71	106	153096	4.949	ug/L	100
54) o-Xylene	10.11	106	138957	4.707	ug/L	100
55) Styrene	10.13	104	244751	4.778	ug/L	100
56) Isopropylbenzene	10.50	105	351219	4.621	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	83538	4.346	ug/L	100
59) 1,2,3-Trichloropropane	10.84	75	66096	4.430	ug/L	100
61) Bromoform	10.30	173	43641	4.759	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	171898	4.745	ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	172227	4.710	ug/L	100
65) 1,2-Dichlorobenzene	12.22	146	161439	4.638	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.01	75	15403	4.437	ug/L	100
67) 1,3,5-Trichlorobenzene	13.24	180	122992	4.660	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	104761	4.586	ug/L	100
69) Naphthalene	14.11	128	206730	4.767	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	115596	5.299	ug/L	100

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

