

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062920\
 Data File : VU039183.D
 Acq On : 29 Jun 2020 11:07
 Operator : SY/MD
 Sample : VSTD02006
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02006

Quant Time: Jun 29 11:24:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 29 10:40:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	260622	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	255355	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	129403	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	450157	23.59	ug/L	0.00
7) Chloroethane-d5	1.93	69	350723	22.24	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	849586	23.17	ug/L	0.00
20) 2-Butanone-d5	4.67	46	1465892	212.83	ug/L	0.00
24) Chloroform-d	5.10	84	800800	21.34	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	473155	20.49	ug/L	0.00
32) Benzene-d6	5.76	84	1571566	22.19	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	488743	20.54	ug/L	0.00
41) Toluene-d8	7.92	98	1407008	23.76	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	255131	24.67	ug/L	0.00
46) 2-Hexanone-d5	8.65	63	1269607	237.87	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	493919	22.33	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	539743	22.39	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	481344	20.638	ug/L 100
3) Chloromethane	1.53	50	472924	18.839	ug/L 99
5) Vinyl chloride	1.62	62	495825	19.585	ug/L 97
6) Bromomethane	1.88	94	266130	19.525	ug/L 98
8) Chloroethane	1.95	64	294564	19.305	ug/L 96
9) Trichlorofluoromethane	2.16	101	676675	20.878	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	376982	19.980	ug/L 99
12) 1,1-Dichloroethene	2.60	96	367527	20.362	ug/L 98
13) Acetone	2.68	43	826543	176.714	ug/L 100
14) Carbon disulfide	2.82	76	1263942	21.002	ug/L 98
15) Methyl Acetate	2.98	43	201495	18.145	ug/L 98
16) Methylene chloride	3.07	84	393054	17.650	ug/L 97
17) Methyl tert-butyl Ether	3.40	73	1046260	20.361	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	382600	19.809	ug/L 97
19) 1,1-Dichloroethane	3.91	63	720954	18.777	ug/L 99
21) 2-Butanone	4.75	43	1393227	195.918	ug/L 100
22) cis-1,2-Dichloroethene	4.70	96	408356	19.593	ug/L 100
23) Bromochloromethane	5.01	128	184249	19.210	ug/L 98
25) Chloroform	5.12	83	720735	18.685	ug/L 99
27) 1,2-Dichloroethane	5.83	62	524852	19.095	ug/L 99
29) 1,1,1-Trichloroethane	5.35	97	650211	20.403	ug/L 100
30) Cyclohexane	5.42	56	686986	23.169	ug/L 98
31) Carbon tetrachloride	5.56	117	551539	20.784	ug/L 100
33) Benzene	5.81	78	1584327	19.747	ug/L 100
34) Trichloroethene	6.57	95	403438	20.789	ug/L 98
35) Methylcyclohexane	6.79	83	683070	23.721	ug/L 98
37) 1,2-Dichloropropane	6.82	63	410285	18.876	ug/L 100
38) Bromodichloromethane	7.13	83	534579	19.726	ug/L 97
39) cis-1,3-Dichloropropene	7.63	75	656694	21.797	ug/L 98
40) 4-Methyl-2-pentanone	7.82	43	3263536	201.161	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	1686795	21.181	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	719570	25.525	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	309402	19.152	ug/L	98
47) Tetrachloroethene	8.57	164	295951	21.159	ug/L	99
48) 2-Hexanone	8.71	43	2459163	206.767	ug/L	99
49) Dibromochloromethane	8.83	129	365212	20.790	ug/L	97
50) 1,2-Dibromoethane	8.94	107	302939	19.834	ug/L	98
51) Chlorobenzene	9.47	112	1028180	20.509	ug/L	98
52) Ethylbenzene	9.59	91	1893477	22.620	ug/L	100
53) m,p-Xylene	9.71	106	709727	23.058	ug/L	100
54) o-Xylene	10.11	106	688547	23.286	ug/L	98
55) Styrene	10.13	104	1208499	23.272	ug/L	99
56) Isopropylbenzene	10.50	105	1838110	23.724	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	407782	18.878	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	315936	19.279	ug/L	100
61) Bromoform	10.31	173	212527	20.107	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	817483	21.246	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	821909	20.740	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	785592	20.362	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.01	75	82262	19.329	ug/L	90
67) 1,3,5-Trichlorobenzene	13.24	180	618431	21.717	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	576756	22.235	ug/L	99
69) Naphthalene	14.11	128	1237067	22.355	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	532323	21.262	ug/L	99

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

