

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062320\
 Data File : VU039038.D
 Acq On : 23 Jun 2020 14:05
 Operator : SY/MD
 Sample : VSTD01004
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01004

Quant Time: Jun 24 00:29:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 24 00:26:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	286619	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	280490	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	142105	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	205289	9.78	ug/L	0.00
7) Chloroethane-d5	1.93	69	165062	9.52	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	397296	9.85	ug/L	0.00
20) 2-Butanone-d5	4.67	46	747987	98.75	ug/L	0.00
24) Chloroform-d	5.10	84	402240	9.75	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	240474	9.47	ug/L	0.00
32) Benzene-d6	5.76	84	787953	10.13	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	256031	9.79	ug/L	0.00
41) Toluene-d8	7.92	98	684360	10.52	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	117256	10.32	ug/L	0.00
46) 2-Hexanone-d5	8.65	63	644432	109.92	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	239546	9.86	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	254194	9.60	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	249927	9.744 ug/L	99
3) Chloromethane	1.53	50	268877	9.739 ug/L	96
5) Vinyl chloride	1.62	62	272994	9.805 ug/L	97
6) Bromomethane	1.88	94	141363	9.431 ug/L	96
8) Chloroethane	1.95	64	159676	9.515 ug/L	97
9) Trichlorofluoromethane	2.16	101	342686	9.614 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	202214	9.745 ug/L	99
12) 1,1-Dichloroethene	2.61	96	191226	9.634 ug/L	99
13) Acetone	2.66	43	448514	87.194 ug/L	99
14) Carbon disulfide	2.82	76	638186	9.643 ug/L	99
15) Methyl Acetate	2.98	43	113649	9.304 ug/L	98
16) Methylene chloride	3.08	84	225442	9.205 ug/L	99
17) Methyl tert-butyl Ether	3.40	73	574747	10.171 ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	208964	9.838 ug/L	97
19) 1,1-Dichloroethane	3.91	63	411618	9.748 ug/L	99
21) 2-Butanone	4.75	43	797819	102.015 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	227982	9.947 ug/L	95
23) Bromochloromethane	5.01	128	104112	9.870 ug/L	95
25) Chloroform	5.12	83	416705	9.823 ug/L	97
27) 1,2-Dichloroethane	5.83	62	294784	9.752 ug/L	100
29) 1,1,1-Trichloroethane	5.35	97	345811	9.879 ug/L	99
30) Cyclohexane	5.42	56	347749	10.677 ug/L	99
31) Carbon tetrachloride	5.56	117	289350	9.927 ug/L	99
33) Benzene	5.81	78	890796	10.108 ug/L	100
34) Trichloroethene	6.57	95	214780	10.076 ug/L	99
35) Methylcyclohexane	6.79	83	343240	10.851 ug/L	99
37) 1,2-Dichloropropane	6.82	63	241709	10.124 ug/L	100
38) Bromodichloromethane	7.13	83	298510	10.028 ug/L	100
39) cis-1,3-Dichloropropene	7.63	75	349353	10.556 ug/L	98
40) 4-Methyl-2-pentanone	7.81	43	1904313	106.861 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	911137	10.416	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	325722	10.519	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	177394	9.997	ug/L	96
47) Tetrachloroethene	8.57	164	149733	9.746	ug/L	98
48) 2-Hexanone	8.70	43	1388569	106.289	ug/L	99
49) Dibromochloromethane	8.83	129	198709	10.298	ug/L	98
50) 1,2-Dibromoethane	8.94	107	170925	10.188	ug/L	100
51) Chlorobenzene	9.46	112	553134	10.045	ug/L	100
52) Ethylbenzene	9.58	91	970968	10.560	ug/L	100
53) m,p-Xylene	9.71	106	369911	10.941	ug/L	100
54) o-Xylene	10.11	106	357365	11.003	ug/L	98
55) Styrene	10.13	104	638410	11.192	ug/L	98
56) Isopropylbenzene	10.50	105	932792	10.960	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.79	83	237453	10.007	ug/L	99
59) 1,2,3-Trichloropropane	10.83	75	178150	9.897	ug/L	98
61) Bromoform	10.30	173	111996	9.649	ug/L #	97
62) 1,3-Dichlorobenzene	11.75	146	416626	9.860	ug/L	99
63) 1,4-Dichlorobenzene	11.84	146	424438	9.753	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	408052	9.631	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	45329	9.699	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	303512	9.706	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	281201	9.872	ug/L	99
69) Naphthalene	14.11	128	640299	10.537	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	273475	9.947	ug/L	100

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

