

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062220\
 Data File : VU039003.D
 Acq On : 22 Jun 2020 13:52
 Operator : SY/MD
 Sample : VSTD00502
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00502

Quant Time: Jun 22 14:57:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 22 13:07:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	291633	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	289781	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	149900	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	116714	4.33	ug/L	0.00
7) Chloroethane-d5	1.93	69	84286	4.23	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	218859	4.51	ug/L	0.00
20) 2-Butanone-d5	4.67	46	380242	46.84	ug/L	0.00
24) Chloroform-d	5.10	84	209549	4.49	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	124768	4.56	ug/L	0.00
32) Benzene-d6	5.76	84	425694	4.78	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	133743	4.69	ug/L	0.00
41) Toluene-d8	7.92	98	367821	4.25	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	58974	4.37	ug/L	0.00
46) 2-Hexanone-d5	8.65	63	299657	50.84	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	122151	4.82	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	139531	4.62	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	132313	4.435 ug/L	97
3) Chloromethane	1.53	50	72144	2.443 ug/L	98
5) Vinyl chloride	1.62	62	136310	4.424 ug/L	100
6) Bromomethane	1.87	94	30341	2.565 ug/L	96
8) Chloroethane	1.95	64	83054	4.738 ug/L	90
9) Trichlorofluoromethane	2.15	101	177136	4.416 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	103182	4.374 ug/L	100
12) 1,1-Dichloroethene	2.60	96	98067	4.539 ug/L	91
13) Acetone	2.66	43	223657	44.761 ug/L	100
14) Carbon disulfide	2.82	76	337999	4.591 ug/L	100
15) Methyl Acetate	2.98	43	57832	4.660 ug/L	97
16) Methylene chloride	3.07	84	112489	4.233 ug/L	98
17) Methyl tert-butyl Ether	3.40	73	239845	4.189 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	104919	4.597 ug/L	99
19) 1,1-Dichloroethane	3.91	63	206574	4.687 ug/L	98
21) 2-Butanone	4.75	43	375617	46.600 ug/L	99
22) cis-1,2-Dichloroethene	4.70	96	112782	4.661 ug/L	98
23) Bromochloromethane	5.01	128	52285	4.735 ug/L	97
25) Chloroform	5.12	83	212198	4.883 ug/L	96
27) 1,2-Dichloroethane	5.83	62	143435	4.577 ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	173973	4.651 ug/L	98
30) Cyclohexane	5.42	56	172323	4.661 ug/L	99
31) Carbon tetrachloride	5.56	117	146060	4.645 ug/L	100
33) Benzene	5.81	78	444998	4.709 ug/L	100
34) Trichloroethene	6.57	95	109494	4.636 ug/L	98
35) Methylcyclohexane	6.79	83	167604	4.602 ug/L	99
37) 1,2-Dichloropropane	6.82	63	120312	4.721 ug/L	99
38) Bromodichloromethane	7.13	83	149100	4.498 ug/L	97
39) cis-1,3-Dichloropropene	7.63	75	170316	4.229 ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	884071	40.914 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	463460	4.388	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	154282	4.374	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	87842	4.364	ug/L	97
47) Tetrachloroethene	8.57	164	78082	4.346	ug/L	97
48) 2-Hexanone	8.71	43	674722	46.611	ug/L	99
49) Dibromochloromethane	8.83	129	95158	4.377	ug/L	99
50) 1,2-Dibromoethane	8.94	107	82547	4.420	ug/L #	99
51) Chlorobenzene	9.47	112	276835	4.499	ug/L	99
52) Ethylbenzene	9.59	91	475679	4.492	ug/L	99
53) m,p-Xylene	9.71	106	184579	4.633	ug/L	97
54) o-Xylene	10.12	106	177613	4.594	ug/L	95
55) Styrene	10.13	104	314368	4.737	ug/L	100
56) Isopropylbenzene	10.50	105	464566	4.637	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	113088	4.576	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	86545	4.717	ug/L	99
61) Bromoform	10.31	173	53934	4.407	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	223130	4.563	ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	227342	4.524	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	216175	4.609	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	19391	4.428	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	154470	4.128	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	135299	4.075	ug/L	99
69) Naphthalene	14.11	128	261625	4.294	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	127998	4.038	ug/L	97

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

