

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061320\
 Data File : VU038840.D
 Acq On : 12 Jun 2020 09:56
 Operator : SY/MD
 Sample : VSTD00504
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00504

Quant Time: Jun 12 10:33:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 12 10:00:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	294316	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	292432	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	153235	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	79486	4.17	ug/L	0.00
7) Chloroethane-d5	1.93	69	63686	4.35	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	179927	4.80	ug/L	0.00
20) 2-Butanone-d5	4.68	46	249227	43.07	ug/L	0.00
24) Chloroform-d	5.10	84	177139	4.95	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	97369	4.79	ug/L	0.00
32) Benzene-d6	5.76	84	342845	4.70	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	102479	4.56	ug/L	0.00
41) Toluene-d8	7.92	98	320360	4.89	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	45466	4.71	ug/L	0.00
46) 2-Hexanone-d5	8.65	63	201490	42.26	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	84426	4.43	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	119910	4.54	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	139436	6.011	ug/L 98
3) Chloromethane	1.53	50	113215	5.315	ug/L 100
5) Vinyl chloride	1.62	62	123204	5.398	ug/L 99
6) Bromomethane	1.88	94	70258	6.341	ug/L 98
8) Chloroethane	1.95	64	71991	5.264	ug/L 96
9) Trichlorofluoromethane	2.16	101	182730	6.035	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	105532	5.918	ug/L 99
12) 1,1-Dichloroethene	2.60	96	98551	5.437	ug/L 100
13) Acetone	2.68	43	196547	51.902	ug/L 100
14) Carbon disulfide	2.82	76	338615	5.506	ug/L 99
15) Methyl Acetate	2.98	43	46524	5.015	ug/L 96
16) Methylene chloride	3.08	84	109981	5.362	ug/L 98
17) Methyl tert-butyl Ether	3.40	73	254948	5.364	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	105840	5.418	ug/L 99
19) 1,1-Dichloroethane	3.91	63	193424	5.533	ug/L 100
21) 2-Butanone	4.75	43	325556	51.111	ug/L 93
22) cis-1,2-Dichloroethene	4.71	96	111882	5.319	ug/L 95
23) Bromochloromethane	5.01	128	52193	5.514	ug/L 99
25) Chloroform	5.13	83	198082	5.578	ug/L 99
27) 1,2-Dichloroethane	5.83	62	137855	5.514	ug/L 97
29) 1,1,1-Trichloroethane	5.35	97	176290	5.697	ug/L 100
30) Cyclohexane	5.42	56	173995	5.362	ug/L 98
31) Carbon tetrachloride	5.56	117	150586	5.845	ug/L 99
33) Benzene	5.81	78	437766	5.368	ug/L 100
34) Trichloroethene	6.57	95	113357	5.356	ug/L 97
35) Methylcyclohexane	6.79	83	172891	5.276	ug/L 98
37) 1,2-Dichloropropane	6.82	63	110124	5.367	ug/L 100
38) Bromodichloromethane	7.13	83	139592	5.478	ug/L 99
39) cis-1,3-Dichloropropene	7.63	75	163201	5.381	ug/L 99
40) 4-Methyl-2-pentanone	7.82	43	715251	48.739	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	464203	5.427	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	145325	5.426	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	82982	5.360	ug/L	98
47) Tetrachloroethene	8.57	164	85297	5.547	ug/L	97
48) 2-Hexanone	8.71	43	556326	50.058	ug/L	99
49) Dibromochloromethane	8.83	129	94044	5.628	ug/L	96
50) 1,2-Dibromoethane	8.94	107	78277	5.281	ug/L	98
51) Chlorobenzene	9.47	112	291628	5.287	ug/L	98
52) Ethylbenzene	9.59	91	501886	5.274	ug/L	99
53) m,p-Xylene	9.71	106	194813	5.323	ug/L	93
54) o-Xylene	10.11	106	189087	5.382	ug/L	99
55) Styrene	10.13	104	325235	5.454	ug/L	99
56) Isopropylbenzene	10.50	105	497364	5.379	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	99802	5.073	ug/L	96
59) 1,2,3-Trichloropropane	10.84	75	76775	5.013	ug/L	99
61) Bromoform	10.31	173	51745	5.421	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	236284	5.248	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	238346	5.221	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	221640	5.184	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	17241	4.981	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	173983	5.180	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	152139	4.893	ug/L	97
69) Naphthalene	14.11	128	281776	4.554	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	140928	4.982	ug/L	97

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

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