

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120420\
 Data File : VU041462.D
 Acq On : 04 Dec 2020 10:29
 Operator : SY/MD
 Sample : VSTD00502
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00502

Quant Time: Dec 05 04:56:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 05 04:54:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	56860	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	56369	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	31351	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	15651	4.97	ug/L	0.00
7) Chloroethane-d5	1.92	69	13338	4.97	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.58	63	37322	4.97	ug/L	0.00
20) 2-Butanone-d5	4.66	46	59357	54.58	ug/L	0.00
24) Chloroform-d	5.08	84	43378	5.29	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.72	65	28601	5.25	ug/L	0.00
32) Benzene-d6	5.74	84	66716	5.18	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.70	67	19535	5.25	ug/L	0.00
41) Toluene-d8	7.90	98	64885	5.29	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.19	79	11649	5.39	ug/L	0.00
46) 2-Hexanone-d5	8.64	63	46640	55.03	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.75	84	21217	5.12	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.19	152	27930	4.99	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	26018	4.549	ug/L 100
3) Chloromethane	1.53	50	16696	4.576	ug/L 100
5) Vinyl chloride	1.61	62	19884	4.826	ug/L 100
6) Bromomethane	1.87	94	13968	4.932	ug/L 100
8) Chloroethane	1.94	64	12421	4.451	ug/L 100
9) Trichlorofluoromethane	2.15	101	45455	4.951	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	19546	5.087	ug/L 100
12) 1,1-Dichloroethene	2.59	96	17717	5.222	ug/L 100
13) Acetone	2.66	43	42829	50.706	ug/L 100
14) Carbon disulfide	2.81	76	52646	5.489	ug/L 100
15) Methyl Acetate	2.97	43	8400	4.802	ug/L 100
16) Methylene chloride	3.06	84	19819	4.059	ug/L 100
17) Methyl tert-butyl Ether	3.38	73	53826	5.031	ug/L 100
18) trans-1,2-Dichloroethene	3.37	96	17984	5.081	ug/L 100
19) 1,1-Dichloroethane	3.89	63	33138	4.881	ug/L 100
21) 2-Butanone	4.73	43	52706	47.466	ug/L 100
22) cis-1,2-Dichloroethene	4.69	96	19721	5.062	ug/L 100
23) Bromochloromethane	4.99	128	10473	5.250	ug/L 100
25) Chloroform	5.11	83	41114	4.878	ug/L 100
27) 1,2-Dichloroethane	5.81	62	33807	5.175	ug/L 100
29) 1,1,1-Trichloroethane	5.33	97	41476	4.930	ug/L 100
30) Cyclohexane	5.40	56	26730	5.260	ug/L 100
31) Carbon tetrachloride	5.54	117	37762	4.980	ug/L 100
33) Benzene	5.79	78	72435	4.937	ug/L 100
34) Trichloroethene	6.55	95	21398	4.938	ug/L 100
35) Methylcyclohexane	6.77	83	30469	5.322	ug/L 100
37) 1,2-Dichloropropane	6.80	63	16983	4.626	ug/L 100
38) Bromodichloromethane	7.11	83	30991	4.913	ug/L 100
39) cis-1,3-Dichloropropene	7.61	75	30007	5.001	ug/L 100
40) 4-Methyl-2-pentanone	7.80	43	134959	50.119	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.98	91	81424	5.056	ug/L	100
44) trans-1,3-Dichloropropene	8.21	75	31932	5.100	ug/L	100
45) 1,1,2-Trichloroethane	8.40	97	16144	5.076	ug/L	100
47) Tetrachloroethene	8.56	164	18448	5.640	ug/L	100
48) 2-Hexanone	8.69	43	107172	51.680	ug/L	100
49) Dibromochloromethane	8.81	129	22726	5.129	ug/L	100
50) 1,2-Dibromoethane	8.93	107	16360	5.220	ug/L	100
51) Chlorobenzene	9.45	112	55186	5.035	ug/L	100
52) Ethylbenzene	9.57	91	92642	4.938	ug/L	100
53) m,p-Xylene	9.69	106	34400	5.007	ug/L	100
54) o-Xylene	10.10	106	32942	5.095	ug/L	100
55) Styrene	10.11	104	58019	4.997	ug/L	100
56) Isopropylbenzene	10.48	105	93389	5.017	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.78	83	20014	4.968	ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	16358	4.878	ug/L	100
61) Bromoform	10.29	173	13434	4.837	ug/L	100
62) 1,3-Dichlorobenzene	11.74	146	45981	4.830	ug/L	100
63) 1,4-Dichlorobenzene	11.83	146	45890	4.790	ug/L	100
65) 1,2-Dichlorobenzene	12.20	146	44478	4.784	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.99	75	4562	5.000	ug/L	100
67) 1,3,5-Trichlorobenzene	13.21	180	35795	4.860	ug/L	100
68) 1,2,4-trichlorobenzene	13.83	180	28819	4.835	ug/L	100
69) Naphthalene	14.08	128	46706	4.717	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	25999	4.706	ug/L	100

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

