Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070723\
Data File : VU054775.D
Acq On : 07 Jul 2023 10:47
Operator : MD/SY
Sample : VSTD02041
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD020041

Quant Time: Jul 08 07:42:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR070723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jul 08 07:39:44 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	226756	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	214944	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	121387	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	374880	21.906	ug/L	0.00
7) Chloroethane-d5	1.901	69	306376	21.399	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.557	65	151782	21.716	ug/L	0.00
20) 2-Butanone-d5	4.618	46	893485	229.771	ug/L	0.00
24) Chloroform-d	5.055	84	667919	21.908	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.695	65	352687	22.128	ug/L	0.00
32) Benzene-d6	5.721	84	1309468	22.950	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	406035	22.439	ug/L	0.00
41) Toluene-d8	7.894	98	1241542	23.347	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	171826	23.595	ug/L	0.00
46) 2-Hexanone-d5	8.631	63	721028	258.446	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	331219	22.716	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	474033	22.413	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	370609	21.042	ug/L	99
3) Chloromethane	1.518	50	392082	19.932	ug/L	100
5) Vinyl chloride	1.599	62	399425	20.892	ug/L	100
6) Bromomethane	1.849	94	238150	20.497	ug/L	99
8) Chloroethane	1.920	64	225061	20.578	ug/L	99
9) Trichlorofluoromethane	2.129	101	527118	21.157	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	261544	21.014	ug/L	97
12) 1,1-Dichloroethene	2.570	96	245244	21.140	ug/L	98
13) Acetone	2.631	43	404255	199.074	ug/L	99
14) Carbon disulfide	2.785	76	826338	21.154	ug/L	99
15) Methyl Acetate	2.946	43	102095	20.328	ug/L	98
16) Methylene chloride	3.039	84	275566	16.048	ug/L	99
17) Methyl tert-butyl Ether	3.357	73	617731	22.568	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	255125	21.357	ug/L	99
19) 1,1-Dichloroethane	3.862	63	485348	20.959	ug/L	97
21) 2-Butanone	4.698	43	675276	220.666	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	283930	21.829	ug/L	98
23) Bromochloromethane	4.968	128	125155	21.633	ug/L	93
25) Chloroform	5.081	83	505901	20.841	ug/L	98
27) 1,2-Dichloroethane	5.788	62	325647	20.769	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	457409	22.055	ug/L	99
30) Cyclohexane	5.380	56	433420	23.491	ug/L	99
31) Carbon tetrachloride	5.518	117	397009	21.329	ug/L	99
33) Benzene	5.769	78	1072038	22.155	ug/L	100
34) Trichloroethene	6.537	95	288432	21.294	ug/L	98
35) Methylcyclohexane	6.759	83	448929	23.704	ug/L	98
37) 1,2-Dichloropropane	6.785	63	282200	22.223	ug/L	98
38) Bromodichloromethane	7.100	83	355431	21.787	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	443651	23.355	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	1655189	232.564	ug/L	99
42) Toluene	7.965	91	1166837	22.752	ug/L	97
44) trans-1,3-Dichloropropene	8.206	75	375370	22.856	ug/L	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.396	97	199759	21.968	ug/L	94
47) Tetrachloroethene	8.550	164	232453	21.190	ug/L	98
48) 2-Hexanone	8.679	43	1207217	235.557	ug/L	98
49) Dibromochloromethane	8.807	129	233779	22.088	ug/L	97
50) 1,2-Dibromoethane	8.920	107	193730	22.328	ug/L	98
51) Chlorobenzene	9.444	112	724832	22.064	ug/L	98
52) Ethylbenzene	9.566	91	1288549	23.470	ug/L	100
53) m,p-Xylene	9.688	106	495659	23.634	ug/L	96
54) o-Xylene	10.097	106	474536	24.226	ug/L	97
55) Styrene	10.110	104	817890	24.695	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	247009	22.280	ug/L	97
59) Bromoform	10.286	173	147643	20.791	ug/L	98
60) Isopropylbenzene	10.479	105	1301039	23.099	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	178781	20.211	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	1125251	24.082	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	1096292	24.552	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	610291	21.517	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	609615	21.578	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	569189	21.834	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	43355	20.142	ug/L	100
69) 1,3,5-Trichlorobenzene	13.216	180	473282	22.325	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	407275	23.910	ug/L	100
71) Naphthalene	14.084	128	703104	26.139	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	369326	24.249	ug/L	100

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

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