Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111924\
Data File : VU061853.D
Acq On : 19 Nov 2024 14:38
Operator : MD/SY
Sample : VSTD02046
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD020046

Quant Time: Nov 20 00:28:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 20 00:25:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	213288	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	254867	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	108841	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	186141	14.471	ug/L	0.00
7) Chloroethane-d5	1.907	69	187256	16.464	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	79892	13.904	ug/L	0.00
20) 2-Butanone-d5	4.618	46	591542	204.601	ug/L	0.00
24) Chloroform-d	5.049	84	482655	18.051	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.689	65	231659	18.203	ug/L	0.00
32) Benzene-d6	5.718	84	863067	13.288	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	285829	14.187	ug/L	0.00
41) Toluene-d8	7.888	98	1060608	17.228	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.168	79	155226	20.848	ug/L	0.00
46) 2-Hexanone-d5	8.624	63	570084	197.188	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.746	84	323571	20.780	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.184	152	341196	17.978	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	295541	18.716	ug/L	100
3) Chloromethane	1.515	50	276626	19.400	ug/L	100
5) Vinyl chloride	1.599	62	322619	20.140	ug/L	99
6) Bromomethane	1.853	94	211601	21.835	ug/L	99
8) Chloroethane	1.930	64	237237	20.950	ug/L	98
9) Trichlorofluoromethane	2.129	101	439686	18.807	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	272469	19.717	ug/L	99
12) 1,1-Dichloroethene	2.573	96	259826	20.140	ug/L	96
13) Acetone	2.641	43	352401	193.051	ug/L	97
14) Carbon disulfide	2.785	76	819015	19.876	ug/L	100
15) Methyl Acetate	2.946	43	92643	19.856	ug/L	94
16) Methylene chloride	3.036	84	289697	19.461	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	664468	21.222	ug/L	98
18) trans-1,2-Dichloroethene	3.342	96	283934	20.190	ug/L	98
19) 1,1-Dichloroethane	3.856	63	516396	20.052	ug/L	99
21) 2-Butanone	4.698	43	622692	206.419	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	328384	20.511	ug/L	98
23) Bromochloromethane	4.962	128	147369	20.603	ug/L	96
25) Chloroform	5.075	83	554161	20.334	ug/L	100
27) 1,2-Dichloroethane	5.782	62	340567	20.005	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	470737	16.912	ug/L	100
30) Cyclohexane	5.377	56	469429	16.978	ug/L	99
31) Carbon tetrachloride	5.515	117	413088	17.423	ug/L	99
33) Benzene	5.763	78	1240469	16.779	ug/L	100
34) Trichloroethene	6.531	95	331701	15.840	ug/L	96
35) Methylcyclohexane	6.753	83	534515	16.888	ug/L	98
37) 1,2-Dichloropropane	6.779	63	315108	15.980	ug/L	100
38) Bromodichloromethane	7.094	83	461462	19.773	ug/L	99
39) cis-1,3-Dichloropropene	7.595	75	594894	21.504	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	1947435	208.822	ug/L	100
42) Toluene	7.959	91	1866030	22.007	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	522406	23.810	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.390	97	287780	19.651	ug/L	98
47) Tetrachloroethene	8.544	164	309149	19.529	ug/L	99
48) 2-Hexanone	8.676	43	1366637	205.064	ug/L	99
49) Dibromochloromethane	8.801	129	315982	21.164	ug/L	99
50) 1,2-Dibromoethane	8.914	107	279649	20.502	ug/L	99
51) Chlorobenzene	9.438	112	1039283	19.381	ug/L	98
52) Ethylbenzene	9.560	91	1793296	20.249	ug/L	100
53) m,p-Xylene	9.685	106	710654	21.004	ug/L	99
54) o-Xylene	10.090	106	724908	22.924	ug/L	97
55) Styrene	10.103	104	1168981	23.308	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	360085	21.726	ug/L	99
59) Bromoform	10.280	173	193142	26.850	ug/L	97
60) Isopropylbenzene	10.476	105	1884743	24.887	ug/L	100
61) 1,2,3-Trichloropropane	10.811	75	233268	22.727	ug/L	99
62) 1,3,5-Trimethylbenzene	11.078	105	1559758	25.785	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	1544686	26.216	ug/L	100
64) 1,3-Dichlorobenzene	11.737	146	699259	20.061	ug/L	100
65) 1,4-Dichlorobenzene	11.827	146	693356	19.610	ug/L	100
67) 1,2-Dichlorobenzene	12.203	146	648900	20.016	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	40366	22.476	ug/L	90
69) 1,3,5-Trichlorobenzene	13.209	180	513196	21.040	ug/L	99
70) 1,2,4-trichlorobenzene	13.830	180	445588	23.504	ug/L	100
71) Naphthalene	14.077	128	721740	26.449	ug/L	99
72) 1,2,3-Trichlorobenzene	14.319	180	384081	24.163	ug/L	99

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

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