Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052924\
Data File : VU059050.D
Acq On : 29 May 2024 13:51
Operator : MD/SY
Sample : VSTD20075
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD200075

Quant Time: May 30 00:10:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 30 00:07:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	217652	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	215615	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	121037	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	252732	119.015	ug/L	0.00
7) Chloroethane-d5	1.872	69	226289	128.508	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.554	63	508439	151.856	ug/L	0.00
21) 2-Butanone-d5	4.608	46	520676	344.659	ug/L	0.00
24) Chloroform-d	5.049	84	527251	142.308	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.689	65	320203	141.334	ug/L	0.00
32) Benzene-d6	5.714	84	1004179	146.545	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	340345	148.650	ug/L	0.00
41) Toluene-d8	7.891	98	888438	145.792	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	152851	149.783	ug/L	0.00
47) 2-Hexanone-d5	8.627	63	393719	410.902	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.750	84	627350	179.482	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	365901	155.205	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.377	85	409810	251.218	ug/L	99
3) Chloromethane	1.515	50	457953	258.886	ug/L	99
5) Vinyl chloride	1.599	62	466160	233.944	ug/L	99
6) Bromomethane	1.824	94	374849	286.547	ug/L	98
8) Chloroethane	1.891	64	314639	238.288	ug/L	99
9) Trichlorofluoromethane	2.113	101	548424	211.714	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.563	101	311405	182.318	ug/L	98
12) 1,1-Dichloroethene	2.563	96	301817	214.315	ug/L	96
13) Acetone	2.618	43	453153	313.323	ug/L	99
14) Carbon disulfide	2.776	76	984065	320.923	ug/L	100
15) Methyl Acetate	2.936	43	428419	190.583	ug/L	98
16) Methylene chloride	3.030	84	367054	166.807	ug/L	99
17) trans-1,2-Dichloroethene	3.338	96	322896	225.917	ug/L	98
18) Methyl tert-butyl Ether	3.351	73	1100006	203.525	ug/L	99
19) 1,1-Dichloroethane	3.853	63	675557	192.863	ug/L	96
20) cis-1,2-Dichloroethene	4.650	96	373780	205.246	ug/L	98
22) 2-Butanone	4.689	43	644549	353.924	ug/L	99
23) Bromochloromethane	4.959	128	181744	192.065	ug/L	98
25) Chloroform	5.075	83	654689	179.628	ug/L	100
27) 1,2-Dichloroethane	5.782	62	547416	192.582	ug/L	100
29) Cyclohexane	5.377	56	591087	288.120	ug/L	99
30) 1,1,1-Trichloroethane	5.303	97	535359	202.694	ug/L	99
31) Carbon tetrachloride	5.512	117	436413	203.898	ug/L	100
33) Benzene	5.763	78	1498439	220.195	ug/L	100
34) Trichloroethene	6.531	95	370823	209.500	ug/L	100
35) Methylcyclohexane	6.753	83	594718	270.036	ug/L	97
37) 1,2-Dichloropropane	6.779	63	415436	192.718	ug/L	100
38) Bromodichloromethane	7.094	83	495994	189.323	ug/L	98
39) cis-1,3-Dichloropropene	7.599	75	643998	217.223	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	1212954	405.638	ug/L	99
42) Toluene	7.962	91	1576212	220.347	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	592616	213.543	ug/L	99

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Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	385928	185.382	ug/L	99
46) Tetrachloroethene	8.544	164	250615	212.753	ug/L	95
48) 2-Hexanone	8.679	43	999567	404.212	ug/L	98
49) Dibromochloromethane	8.801	129	366663	185.856	ug/L	97
50) 1,2-Dibromoethane	8.914	107	406092	202.133	ug/L	98
51) Chlorobenzene	9.441	112	936369	202.166	ug/L	100
52) Ethylbenzene	9.563	91	1734927	225.709	ug/L	100
53) m,p-Xylene	9.685	106	643202	231.734	ug/L	100
54) o-Xylene	10.094	106	635011	230.063	ug/L	99
55) Styrene	10.107	104	1127721	232.042	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	768139	205.975	ug/L	97
59) Bromoform	10.283	173	310621	193.408	ug/L	100
60) 1,2,3-Trichloropropane	10.817	75	583025	185.965	ug/L	99
61) Isopropylbenzene	10.476	105	1692899	212.585	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	1302593	211.816	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	1464333	231.262	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	779354	192.427	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	797550	195.094	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	809241	194.735	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	166540	198.075	ug/L	95
69) 1,3,5-Trichlorobenzene	13.212	180	540265	191.330	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	472297	196.826	ug/L	99
71) Naphthalene	14.081	128	1559042	223.300	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	470571	192.045	ug/L	100

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

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