Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021924\
Data File : VU057886.D
Acq On : 19 Feb 2024 17:21
Operator : MD/SY
Sample : VSTD20063
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD200063

Quant Time: Feb 20 01:19:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021924WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 20 01:16:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	271322	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	267099	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	144242	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	406314	189.887	ug/L	0.00
7) Chloroethane-d5	1.875	69	304804	186.108	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.554	63	740388	188.573	ug/L	0.00
21) 2-Butanone-d5	4.608	46	216050	191.943	ug/L	0.00
24) Chloroform-d	5.049	84	691165	183.282	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.688	65	439159	183.824	ug/L	0.00
32) Benzene-d6	5.714	84	1372503	175.021	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	447841	180.145	ug/L	0.00
41) Toluene-d8	7.891	98	1256531	177.295	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.171	79	227666	188.177	ug/L	0.00
47) 2-Hexanone-d5	8.627	63	381921	382.792	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	643324	197.213	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	478901	177.866	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.377	85	534144	216.618	ug/L	99
3) Chloromethane	1.515	50	532758	227.576	ug/L	99
5) Vinyl chloride	1.599	62	543561	223.161	ug/L	99
6) Bromomethane	1.820	94	181388	134.373	ug/L	99
8) Chloroethane	1.898	64	309251	215.022	ug/L	100
9) Trichlorofluoromethane	2.116	101	660878	198.522	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.563	101	384340	195.772	ug/L	99
12) 1,1-Dichloroethene	2.563	96	360364	200.961	ug/L	99
13) Acetone	2.611	43	510171	339.907	ug/L	99
14) Carbon disulfide	2.775	76	1181985	211.578	ug/L	100
15) Methyl Acetate	2.930	43	411789	206.008	ug/L	99
16) Methylene chloride	3.029	84	422036	202.638	ug/L	99
17) trans-1,2-Dichloroethene	3.335	96	372187	203.166	ug/L	100
18) Methyl tert-butyl Ether	3.348	73	1302665	203.002	ug/L	100
19) 1,1-Dichloroethane	3.853	63	768412	208.270	ug/L	99
20) cis-1,2-Dichloroethene	4.650	96	424868	201.003	ug/L	98
22) 2-Butanone	4.682	43	678457	414.769	ug/L	97
23) Bromochloromethane	4.959	128	206788	200.646	ug/L	97
25) Chloroform	5.074	83	761020	202.699	ug/L	99
27) 1,2-Dichloroethane	5.778	62	626496	201.327	ug/L	98
29) Cyclohexane	5.377	56	716929	204.298	ug/L	99
30) 1,1,1-Trichloroethane	5.303	97	652671	190.702	ug/L	100
31) Carbon tetrachloride	5.512	117	568325	190.401	ug/L	99
33) Benzene	5.762	78	1653414	195.578	ug/L	100
34) Trichloroethene	6.531	95	431022	190.496	ug/L	99
35) Methylcyclohexane	6.753	83	714616	196.405	ug/L	100
37) 1,2-Dichloropropane	6.778	63	461731	197.541	ug/L	100
38) Bromodichloromethane	7.097	83	580195	200.221	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	769539	204.764	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	1276401	439.314	ug/L	100
42) Toluene	7.962	91	1744992	197.255	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	726907	210.695	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	8.393	97	418310	196.358	ug/L		98
46) Tetrachloroethene	8.547	164	299504	191.143	ug/L		96
48) 2-Hexanone	8.679	43	1046129	417.364	ug/L		98
49) Dibromochloromethane	8.804	129	449908	209.836	ug/L		99
50) 1,2-Dibromoethane	8.917	107	450695	198.195	ug/L		100
51) Chlorobenzene	9.441	112	1114148	199.197	ug/L		99
52) Ethylbenzene	9.563	91	2018278	201.169	ug/L		99
53) m,p-Xylene	9.688	106	746174	203.297	ug/L		99
54) o-Xylene	10.093	106	739307	205.775	ug/L		99
55) Styrene	10.109	104	1314248	217.837	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.775	83	756794	216.999	ug/L		99
59) Bromoform	10.286	173	352731	211.979	ug/L	#	99
60) 1,2,3-Trichloropropane	10.817	75	592551	195.782	ug/L		99
61) Isopropylbenzene	10.479	105	2037316	194.442	ug/L		100
62) 1,3,5-Trimethylbenzene	11.084	105	1815475	204.872	ug/L		100
63) 1,2,4-Trimethylbenzene	11.463	105	1838903	206.855	ug/L		99
64) 1,3-Dichlorobenzene	11.740	146	910353	199.556	ug/L		99
65) 1,4-Dichlorobenzene	11.830	146	917312	195.718	ug/L		99
67) 1,2-Dichlorobenzene	12.206	146	885615	193.058	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.990	75	157950	208.602	ug/L		96
69) 1,3,5-Trichlorobenzene	13.212	180	627621	197.914	ug/L		99
70) 1,2,4-trichlorobenzene	13.833	180	542977	201.508	ug/L		99
71) Naphthalene	14.080	128	1561125	216.753	ug/L		100
72) 1,2,3-Trichlorobenzene	14.322	180	495898	196.547	ug/L		98

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

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