Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043023\
Data File : VU053985.D
Acq On : 29 Apr 2023 14:27
Operator : JC/MD
Sample : VSTD20021
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD200021

Quant Time: May 01 01:53:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042923WMA.M
Quant Title : VOC Analysis
QLast Update : Mon May 01 01:49:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	282156	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	265206	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	151970	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	444173	204.358	ug/L	0.00
7) Chloroethane-d5	1.912	69	285667	174.649	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	782451	226.242	ug/L	0.00
21) 2-Butanone-d5	4.623	46	528251	508.911	ug/L	0.00
24) Chloroform-d	5.057	84	807361	219.622	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.694	65	509846	231.317	ug/L	0.00
32) Benzene-d6	5.723	84	1593738	219.229	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.684	67	504789	224.823	ug/L	0.00
41) Toluene-d8	7.893	98	1486602	208.561	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.173	79	267303	230.920	ug/L	0.00
47) 2-Hexanone-d5	8.629	63	398859	514.499	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	673903	216.903	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.189	152	603430	191.341	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	398684	179.035	ug/L	100
3) Chloromethane	1.520	50	365810	196.383	ug/L	99
5) Vinyl chloride	1.604	62	397277	185.948	ug/L	99
6) Bromomethane	1.858	94	218585	146.991	ug/L	97
8) Chloroethane	1.932	64	204327	161.335	ug/L	100
9) Trichlorofluoromethane	2.134	101	610939	186.130	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	369320	192.421	ug/L	100
12) 1,1-Dichloroethene	2.578	96	325954	190.680	ug/L	97
13) Acetone	2.636	43	423017	441.448	ug/L	97
14) Carbon disulfide	2.790	76	763628	174.868	ug/L	99
15) Methyl Acetate	2.945	43	379820	260.535	ug/L	98
16) Methylene chloride	3.041	84	384793	196.627	ug/L	99
17) trans-1,2-Dichloroethene	3.346	96	334695	195.091	ug/L	100
18) Methyl tert-butyl Ether	3.356	73	1264869	240.675	ug/L	98
19) 1,1-Dichloroethane	3.864	63	706642	235.217	ug/L	98
20) cis-1,2-Dichloroethene	4.658	96	415075	206.628	ug/L	97
22) 2-Butanone	4.700	43	570267	496.263	ug/L	98
23) Bromochloromethane	4.967	128	209624	189.832	ug/L	98
25) Chloroform	5.080	83	747697	220.788	ug/L	99
27) 1,2-Dichloroethane	5.787	62	579379	230.191	ug/L	98
29) Cyclohexane	5.385	56	556752	215.865	ug/L	98
30) 1,1,1-Trichloroethane	5.311	97	646936	216.823	ug/L	99
31) Carbon tetrachloride	5.520	117	563250	212.132	ug/L	98
33) Benzene	5.768	78	1498819	212.099	ug/L	100
34) Trichloroethene	6.536	95	407733	195.659	ug/L	98
35) Methylcyclohexane	6.758	83	588621	194.176	ug/L	99
37) 1,2-Dichloropropane	6.784	63	419898	229.089	ug/L	99
38) Bromodichloromethane	7.099	83	561018	232.107	ug/L	99
39) cis-1,3-Dichloropropene	7.600	75	711726	238.730	ug/L	97
40) 4-Methyl-2-pentanone	7.787	43	1057516	519.213	ug/L	100
42) Toluene	7.964	91	1602081	203.409	ug/L	100
44) trans-1,3-Dichloropropene	8.205	75	680658	242.675	ug/L	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45)	1,1,2-Trichloroethane	8.394	97	410010	209.612	ug/L	98
46)	Tetrachloroethene	8.549	164	308517	181.084	ug/L	100
48)	2-Hexanone	8.681	43	839164	509.607	ug/L	99
49)	Dibromochloromethane	8.803	129	438303	218.076	ug/L	96
50)	1,2-Dibromoethane	8.919	107	432097	200.663	ug/L	99
51)	Chlorobenzene	9.443	112	1066739	198.083	ug/L	100
52)	Ethylbenzene	9.565	91	1860324	212.231	ug/L	100
53)	m,p-Xylene	9.687	106	697059	204.665	ug/L	95
54)	o-Xylene	10.095	106	687033	204.499	ug/L	99
55)	Styrene	10.108	104	1204562	217.264	ug/L	100
57)	1,1,2,2-Tetrachloroethane	10.777	83	662560	226.407	ug/L	100
59)	Bromoform	10.285	173	353696	223.632	ug/L	100
60)	1,2,3-Trichloropropane	10.816	75	519170	224.500	ug/L	99
61)	Isopropylbenzene	10.478	105	1881045	206.452	ug/L	100
62)	1,3,5-Trimethylbenzene	11.082	105	1607816	212.831	ug/L	100
63)	1,2,4-Trimethylbenzene	11.462	105	1599589	213.639	ug/L	100
64)	1,3-Dichlorobenzene	11.738	146	908324	193.292	ug/L	98
65)	1,4-Dichlorobenzene	11.832	146	923985	192.425	ug/L	99
67)	1,2-Dichlorobenzene	12.208	146	911538	194.068	ug/L	99
68)	1,2-Dibromo-3-chloropr...	12.989	75	152365	246.146	ug/L	99
69)	1,3,5-Trichlorobenzene	13.214	180	696865	200.981	ug/L	99
70)	1,2,4-trichlorobenzene	13.835	180	660493	205.655	ug/L	99
71)	Naphthalene	14.079	128	1992535	208.108	ug/L	99
72)	1,2,3-Trichlorobenzene	14.323	180	644124	200.638	ug/L	100

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

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