Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011824\
Data File : VU057561.D
Acq On : 18 Jan 2024 15:52
Operator : MD/SY
Sample : VSTD20051
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD200051

Quant Time: Jan 19 01:31:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM011824WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 19 01:28:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	581498	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	425514	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	295288	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	983849	168.488	ug/L	0.00
7) Chloroethane-d5	1.914	69	721217	159.828	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	63	1880169	178.594	ug/L	0.00
21) 2-Butanone-d5	4.628	46	861435	340.328	ug/L	0.00
24) Chloroform-d	5.055	84	1467839	163.630	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.692	65	829014	149.030	ug/L	0.00
32) Benzene-d6	5.721	84	2664732	225.149	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	1217079	277.736	ug/L	0.00
41) Toluene-d8	7.891	98	3380354	278.642	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.174	79	606067	277.910	ug/L	0.00
47) 2-Hexanone-d5	8.647	63	902734	628.372	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.756	84	1154159	201.560	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.187	152	1183500	206.232	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	1243066	163.767	ug/L	99
3) Chloromethane	1.518	50	1218788	165.313	ug/L	98
5) Vinyl chloride	1.605	62	1177449	169.286	ug/L	99
6) Bromomethane	1.859	94	645691	204.726	ug/L	98
8) Chloroethane	1.936	64	672886	170.744	ug/L	99
9) Trichlorofluoromethane	2.132	101	1365593	160.384	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	947729	175.644	ug/L	99
12) 1,1-Dichloroethene	2.573	96	879270	182.584	ug/L	98
13) Acetone	2.640	43	1249629	318.046	ug/L	100
14) Carbon disulfide	2.785	76	2884817	170.361	ug/L	100
15) Methyl Acetate	2.946	43	917746	175.431	ug/L	99
16) Methylene chloride	3.039	84	991500	166.546	ug/L	98
17) trans-1,2-Dichloroethene	3.345	96	898906	177.781	ug/L	97
18) Methyl tert-butyl Ether	3.354	73	2971660	191.030	ug/L	99
19) 1,1-Dichloroethane	3.859	63	1401839	165.376	ug/L	99
20) cis-1,2-Dichloroethene	4.656	96	742948	173.265	ug/L	97
22) 2-Butanone	4.708	43	1042757	317.964	ug/L	94
23) Bromochloromethane	4.965	128	364154	158.518	ug/L	99
25) Chloroform	5.078	83	1474267	170.068	ug/L	99
27) 1,2-Dichloroethane	5.785	62	1037793	148.807	ug/L	98
29) Cyclohexane	5.380	56	1147553	253.663	ug/L	99
30) 1,1,1-Trichloroethane	5.309	97	1260869	247.243	ug/L	99
31) Carbon tetrachloride	5.515	117	950078	229.624	ug/L	99
33) Benzene	5.766	78	2847054	227.718	ug/L	100
34) Trichloroethene	6.534	95	1029641	279.615	ug/L	99
35) Methylcyclohexane	6.756	83	1713823	300.767	ug/L	98
37) 1,2-Dichloropropane	6.782	63	1092529	267.120	ug/L	100
38) Bromodichloromethane	7.097	83	1415005	271.781	ug/L	99
39) cis-1,3-Dichloropropene	7.598	75	1798630	300.660	ug/L	100
40) 4-Methyl-2-pentanone	7.807	43	2725766	592.115	ug/L	99
42) Toluene	7.962	91	4256456	272.050	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	1688394	278.324	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.396	97	1024410	263.063	ug/L	99
46) Tetrachloroethene	8.547	164	689167	262.104	ug/L	99
48) 2-Hexanone	8.698	43	2307074	569.188	ug/L	97
49) Dibromochloromethane	8.807	129	1045066	268.503	ug/L	94
50) 1,2-Dibromoethane	8.917	107	1080237	267.726	ug/L	100
51) Chlorobenzene	9.444	112	1894543	206.764	ug/L	99
52) Ethylbenzene	9.566	91	3445725	225.165	ug/L	100
53) m,p-Xylene	9.688	106	1266762	225.041	ug/L	99
54) o-Xylene	10.097	106	1238249	229.013	ug/L	99
55) Styrene	10.113	104	2142936	236.716	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.782	83	1175877	201.537	ug/L	99
59) Bromoform	10.293	173	570277	133.975	ug/L	98
60) 1,2,3-Trichloropropane	10.820	75	879973	119.774	ug/L	100
61) Isopropylbenzene	10.479	105	3335218	145.508	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	2833649	164.493	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	3447358	197.182	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	1970060	202.353	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	1972121	198.653	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	1918139	208.936	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	307061	201.881	ug/L	97
69) 1,3,5-Trichlorobenzene	13.212	180	1313765	198.727	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	994655	194.384	ug/L	100
71) Naphthalene	14.081	128	2534667	207.988	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	783114	168.953	ug/L	98

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

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