Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022822\
Data File : VV024833.D
Acq On : 28 Feb 2022 14:13
Operator : SY/MD
Sample : VSTD20011
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD200211

Quant Time: Mar 01 01:22:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 01 01:20:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	347085	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	336650	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	174065	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	648667	244.863	ug/L	0.00
7) Chloroethane-d5	1.568	69	453871	199.171	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	1113502	218.185	ug/L	0.00
21) 2-Butanone-d5	3.873	46	813085	478.792	ug/L	-0.02
24) Chloroform-d	4.339	84	1202072	249.770	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	695337	230.129	ug/L	0.00
32) Benzene-d6	5.043	84	2440987	242.068	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	760612	238.568	ug/L	0.00
41) Toluene-d8	7.310	98	2199276	237.838	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.612	79	379194	234.134	ug/L	0.00
47) 2-Hexanone-d5	8.082	63	662282	503.178	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.210	84	935237	245.635	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	806946	236.067	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	679072	250.323	ug/L	100
3) Chloromethane	1.243	50	655904	241.018	ug/L	99
5) Vinyl chloride	1.310	62	675281	233.831	ug/L	99
6) Bromomethane	1.523	94	390131	221.155	ug/L	98
8) Chloroethane	1.584	64	339836	176.953	ug/L	99
9) Trichlorofluoromethane	1.748	101	862062	209.675	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	526482	234.824	ug/L	99
12) 1,1-Dichloroethene	2.114	96	506026	233.940	ug/L	97
13) Acetone	2.175	43	660814	404.835	ug/L	98
14) Carbon disulfide	2.291	76	1650534	267.851	ug/L	100
15) Methyl Acetate	2.429	43	526191	223.918	ug/L	97
16) Methylene chloride	2.503	84	601687	248.064	ug/L	97
17) trans-1,2-Dichloroethene	2.754	96	576146	256.497	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	1787598	235.513	ug/L	99
19) 1,1-Dichloroethane	3.185	63	1008180	234.855	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	629530	251.644	ug/L	98
22) 2-Butanone	3.957	43	815802	432.218	ug/L	94
23) Bromochloromethane	4.236	128	306019	251.606	ug/L	97
25) Chloroform	4.365	83	1021010	229.832	ug/L	100
27) 1,2-Dichloroethane	5.120	62	722298	211.843	ug/L	99
29) Cyclohexane	4.670	56	938303	231.633	ug/L	98
30) 1,1,1-Trichloroethane	4.600	97	911108	221.672	ug/L	98
31) Carbon tetrachloride	4.821	117	781124	229.109	ug/L	99
33) Benzene	5.092	78	2288112	228.912	ug/L	100
34) Trichloroethene	5.905	95	624803	224.053	ug/L	99
35) Methylcyclohexane	6.127	83	1032278	243.771	ug/L	99
37) 1,2-Dichloropropane	6.165	63	583765	223.770	ug/L	100
38) Bromodichloromethane	6.500	83	771919	214.669	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	980458	233.100	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	1367599	390.427	ug/L	97
42) Toluene	7.381	91	2409498	226.668	ug/L	98
44) trans-1,3-Dichloropropene	7.645	75	908793	224.533	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.831	97	555076	222.140	ug/L	99
46) Tetrachloroethene	7.969	164	421171	250.704	ug/L	97
48) 2-Hexanone	8.133	43	1082191	370.461	ug/L	97
49) Dibromochloromethane	8.239	129	601355	231.439	ug/L	99
50) 1,2-Dibromoethane	8.345	107	593622	229.127	ug/L	99
51) Chlorobenzene	8.876	112	1533567	230.710	ug/L	100
52) Ethylbenzene	9.008	91	2640415	225.713	ug/L	100
53) m,p-Xylene	9.133	106	1015453	230.908	ug/L	99
54) o-Xylene	9.538	106	982271	224.819	ug/L	99
55) Styrene	9.554	104	1670870	225.077	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	811431	228.983	ug/L	98
59) Bromoform	9.725	173	379825	229.106	ug/L	99
60) Isopropylbenzene	9.927	105	2582805	205.639	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	656214	190.679	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	1854049	180.382	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	2250083	209.264	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	1151483	222.227	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	1156048	219.434	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	1134727	218.496	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	176624	198.824	ug/L	90
69) 1,3,5-Trichlorobenzene	12.641	180	835049	241.736	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	755618	246.797	ug/L	99
71) Naphthalene	13.500	128	2377058	215.535	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	710111	236.576	ug/L	99

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

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