Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012621\
Data File : VV020158.D
Acq On : 25 Jan 2021 16:19
Operator : SY/MD
Sample : VSTD00561
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005161

Manual Integrations APPROVED
MMDadoda
1/29/2021 11:56:53 AM

Quant Time: Jan 25 17:45:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012621WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jan 25 17:43:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	490251	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	430917	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.257	152	188977	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	16501	4.24	ug/L	0.00
7) Chloroethane-d5	1.569	69	13344	4.35	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.113	63	31283	4.35	ug/L	0.00
21) 2-Butanone-d5	3.910	46	17672m	8.10	ug/L	0.02
24) Chloroform-d	4.357	84	27037	3.80	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.042	65	18926	3.83	ug/L	0.00
32) Benzene-d6	5.058	84	52289	4.45	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.077	67	17827	5.04	ug/L	0.00
41) Toluene-d8	7.325	98	49961	4.59	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.633	79	7738	3.93	ug/L	0.00
47) 2-Hexanone-d5	8.097	63	11913	8.26	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.225	84	25886	5.28	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.633	152	16974	4.53	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.132	85	15237	4.90	ug/L	99
3) Chloromethane	1.245	50	21125	6.17	ug/L	100
5) Vinyl chloride	1.312	62	16383	4.81	ug/L	97
6) Bromomethane	1.524	94	7899	3.76	ug/L	98
8) Chloroethane	1.589	64	10986	4.92	ug/L	97
9) Trichlorofluoromethane	1.756	101	24455	4.51	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.122	101	13728	5.11	ug/L	96
12) 1,1-Dichloroethene	2.122	96	13341	4.84	ug/L	92
13) Acetone	2.190	43	18043m	11.05	ug/L	
14) Carbon disulfide	2.299	76	31527	4.11	ug/L	98
15) Methyl Acetate	2.441	43	14857	4.66	ug/L	99
16) Methylene chloride	2.512	84	14023	4.43	ug/L	96
17) trans-1,2-Dichloroethene	2.766	96	12045	4.17	ug/L	99
18) Methyl tert-butyl Ether	2.769	73	39274	3.91	ug/L	97
19) 1,1-Dichloroethane	3.196	63	24042	4.23	ug/L	96
20) cis-1,2-Dichloroethene	3.923	96	12965	4.05	ug/L	96
22) 2-Butanone	3.994	43	15724	7.44	ug/L	82
23) Bromochloromethane	4.264	128	6444m	3.72	ug/L	
25) Chloroform	4.383	83	25244	4.17	ug/L	96
27) 1,2-Dichloroethane	5.138	62	21868	4.24	ug/L	99
29) Cyclohexane	4.682	56	17930	4.87	ug/L	99
30) 1,1,1-Trichloroethane	4.614	97	21599	4.39	ug/L	97
31) Carbon tetrachloride	4.833	117	18522	4.40	ug/L	95
33) Benzene	5.106	78	58779	5.51	ug/L	100
34) Trichloroethene	5.923	95	16203	5.63	ug/L	91
35) Methylcyclohexane	6.135	83	21458	6.03	ug/L	95
37) 1,2-Dichloropropane	6.180	63	13695	4.80	ug/L	99
38) Bromodichloromethane	6.515	83	19839	4.88	ug/L	98
39) cis-1,3-Dichloropropene	7.035	75	20010	4.43	ug/L	94
40) 4-Methyl-2-pentanone	7.235	43	41577	10.60	ug/L	99
42) Toluene	7.396	91	59293	5.17	ug/L	99
44) trans-1,3-Dichloropropene	7.659	75	18686	4.03	ug/L	99

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45) 1,1,2-Trichloroethane	7.846	97	13250	4.72	ug/L	99
46) Tetrachloroethene	7.984	164	11620	5.00	ug/L	98
48) 2-Hexanone	8.148	43	25938	8.54	ug/L	96
49) Dibromochloromethane	8.251	129	13832	4.19	ug/L	97
50) 1,2-Dibromoethane	8.360	107	14483	4.91	ug/L	99
51) Chlorobenzene	8.887	112	39559	5.11	ug/L	98
52) Ethylbenzene	9.019	91	62948	4.93	ug/L	100
53) m,p-Xylene	9.145	106	23373	4.90	ug/L	97
54) o-Xylene	9.550	106	22882	4.80	ug/L	98
55) Styrene	9.569	104	38211	4.50	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.248	83	24774	5.67	ug/L	100
59) Bromoform	9.736	173	10246	4.87	ug/L	99
60) Isopropylbenzene	9.939	105	65501	6.29	ug/L	99
61) 1,2,3-Trichloropropane	10.280	75	20964	6.89	ug/L	96
62) 1,3,5-Trimethylbenzene	10.547	105	50760	5.86	ug/L	100
63) 1,2,4-Trimethylbenzene	10.920	105	43293	5.19	ug/L	100
64) 1,3-Dichlorobenzene	11.190	146	26825	5.18	ug/L	96
65) 1,4-Dichlorobenzene	11.280	146	28900	5.39	ug/L	94
67) 1,2-Dichlorobenzene	11.653	146	27207	5.15	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.437	75	4463	5.02	ug/L	91
69) 1,3,5-Trichlorobenzene	12.653	180	19281	5.15	ug/L	99
70) 1,2,4-trichlorobenzene	13.273	180	18825	5.30	ug/L	94
71) Naphthalene	13.511	128	52174	4.90	ug/L	99
72) 1,2,3-Trichlorobenzene	13.752	180	18073	4.97	ug/L	96

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

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