Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020321\
Data File : VV020255.D
Acq On : 03 Feb 2021 14:41
Operator : SY/MD
Sample : VSTD00566
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD00566

Manual Integrations APPROVED
MMDadoda
2/4/2021 4:35:28 PM

Quant Time: Feb 03 15:55:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020321WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 03 15:54:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	5.621	114	605180	50.00	ug/L	#	0.00
28) Chlorobenzene-d5	8.855	117	586560	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	335232	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.309	65	13064	3.44	ug/L		0.00
7) Chloroethane-d5	1.569	69	10903	3.71	ug/L		0.00
11) 1,1-Dichloroethene-d2	2.110	63	26213	4.36	ug/L		0.00
21) 2-Butanone-d5	3.926	46	19568m	7.83	ug/L		0.03
24) Chloroform-d	4.354	84	32688	4.50	ug/L		0.00
26) 1,2-Dichloroethane-d4	5.039	65	20135	4.33	ug/L		0.00
32) Benzene-d6	5.058	84	63646	4.38	ug/L		0.00
36) 1,2-Dichloropropane-d6	6.077	67	18794	4.25	ug/L		0.00
41) Toluene-d8	7.322	98	62101	4.56	ug/L		0.00
43) trans-1,3-Dichloroprop...	7.630	79	9204	4.20	ug/L		0.00
47) 2-Hexanone-d5	8.100	63	14273	7.26	ug/L		0.00
57) 1,1,2,2-Tetrachloroeth...	10.222	84	29503	4.70	ug/L		0.00
64) 1,2-Dichlorobenzene-d4	11.630	152	34663	5.60	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.129	85	18648	4.45	ug/L		99
3) Chloromethane	1.241	50	14799	3.33	ug/L		97
5) Vinyl chloride	1.312	62	16303	3.89	ug/L		95
6) Bromomethane	1.524	94	11439	4.65	ug/L		98
8) Chloroethane	1.589	64	9572	3.88	ug/L		98
9) Trichlorofluoromethane	1.753	101	26423	4.47	ug/L		95
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	16250	5.10	ug/L	#	76
12) 1,1-Dichloroethene	2.119	96	15441	5.05	ug/L	#	60
13) Acetone	2.190	43	14543	9.41	ug/L		86
14) Carbon disulfide	2.296	76	43375	4.60	ug/L		99
15) Methyl Acetate	2.441	43	14084	3.73	ug/L	#	86
16) Methylene chloride	2.511	84	17312	4.53	ug/L		82
17) trans-1,2-Dichloroethene	2.765	96	17400	4.81	ug/L		79
18) Methyl tert-butyl Ether	2.775	73	48602	4.27	ug/L		95
19) 1,1-Dichloroethane	3.196	63	27917	4.25	ug/L		98
20) cis-1,2-Dichloroethene	3.923	96	18537	4.59	ug/L		77
22) 2-Butanone	4.000	43	18532m	6.74	ug/L		
23) Bromochloromethane	4.257	128	10628	4.83	ug/L	#	63
25) Chloroform	4.380	83	32274m	4.52	ug/L		
27) 1,2-Dichloroethane	5.142	62	22397	3.99	ug/L		98
29) Cyclohexane	4.679	56	22199	3.79	ug/L	#	84
30) 1,1,1-Trichloroethane	4.614	97	28100	4.24	ug/L	#	91
31) Carbon tetrachloride	4.833	117	25468	4.41	ug/L		98
33) Benzene	5.103	78	65545	4.21	ug/L		100
34) Trichloroethene	5.923	95	19241	4.55	ug/L		90
35) Methylcyclohexane	6.135	83	26963	4.41	ug/L		91
37) 1,2-Dichloropropane	6.180	63	15066	3.92	ug/L	#	91
38) Bromodichloromethane	6.518	83	22014	4.06	ug/L	#	99
39) cis-1,3-Dichloropropene	7.035	75	23585	3.80	ug/L		99
40) 4-Methyl-2-pentanone	7.235	43	36189	6.67	ug/L	#	93
42) Toluene	7.392	91	71560	4.28	ug/L		97
44) trans-1,3-Dichloropropene	7.659	75	22299	3.74	ug/L		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	7.846	97	18347	4.66	ug/L		95
46) Tetrachloroethene	7.981	164	19177	5.22	ug/L		88
48) 2-Hexanone	8.148	43	27803	6.97	ug/L	#	91
49) Dibromochloromethane	8.251	129	20006	4.46	ug/L		100
50) 1,2-Dibromoethane	8.360	107	19258	4.50	ug/L	#	94
51) Chlorobenzene	8.887	112	54105	4.81	ug/L		90
52) Ethylbenzene	9.016	91	80253	4.45	ug/L		95
53) m,p-Xylene	9.145	106	31108	4.39	ug/L		94
54) o-xylene	9.550	106	30191	4.46	ug/L		90
55) Styrene	9.566	104	51851	4.36	ug/L		90
56) Isopropylbenzene	9.936	105	81114	4.51	ug/L		96
58) 1,1,2,2-Tetrachloroethane	10.248	83	27494	4.27	ug/L	#	96
59) 1,2,3-Trichloropropane	10.280	75	22760	4.35	ug/L		99
61) Bromoform	9.736	173	15057	4.26	ug/L	#	95
62) 1,3-Dichlorobenzene	11.190	146	47235	4.86	ug/L		94
63) 1,4-Dichlorobenzene	11.280	146	50820	5.06	ug/L		95
65) 1,2-Dichlorobenzene	11.649	146	47438	4.83	ug/L		94
66) 1,2-Dibromo-3-chloropr...	12.437	75	5694	3.83	ug/L	#	47
67) 1,3,5-Trichlorobenzene	12.653	180	40198	4.83	ug/L		96
68) 1,2,4-trichlorobenzene	13.270	180	35020	4.62	ug/L		96
69) Naphthalene	13.511	128	76297	3.61	ug/L		99
70) 1,2,3-Trichlorobenzene	13.752	180	35317	4.70	ug/L		95

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

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