Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042121\
Data File : VV021069.D
Acq On : 21 Apr 2021 10:51
Operator : SY/MD
Sample : VSTD05065
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VSTD050165

Quant Time: Apr 22 06:17:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042121WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 22 06:16:12 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	644736	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	636977	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	375635	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	260158	67.49	ug/L	0.00
7) Chloroethane-d5	1.571	69	190008	64.01	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	490015	61.16	ug/L	0.00
21) 2-Butanone-d5	3.905	46	266277	113.98	ug/L	0.00
24) Chloroform-d	4.352	84	477629	53.64	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	309456	52.32	ug/L	0.00
32) Benzene-d6	5.053	84	856647	53.60	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	251427	55.86	ug/L	0.00
41) Toluene-d8	7.320	98	855873	54.28	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	140014	52.06	ug/L	0.00
47) 2-Hexanone-d5	8.095	63	219949	115.61	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	386693	53.61	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.628	152	369054	48.46	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	331596	59.86	ug/L	100
3) Chloromethane	1.243	50	284356	71.78	ug/L	100
5) Vinyl chloride	1.314	62	295466	68.26	ug/L	100
6) Bromomethane	1.526	94	191329	62.03	ug/L	100
8) Chloroethane	1.587	64	167546	61.89	ug/L	100
9) Trichlorofluoromethane	1.754	101	529146	55.23	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	259314	56.76	ug/L	100
12) 1,1-Dichloroethene	2.118	96	236588	57.56	ug/L	100
13) Acetone	2.201	43	255006	122.46	ug/L	100
14) Carbon disulfide	2.294	76	646976	57.35	ug/L	100
15) Methyl Acetate	2.439	43	212677	61.32	ug/L	100
16) Methylene chloride	2.510	84	239120	52.85	ug/L	100
17) trans-1,2-Dichloroethene	2.761	96	231190	54.06	ug/L	100
18) Methyl tert-butyl Ether	2.773	73	715405	53.43	ug/L	100
19) 1,1-Dichloroethane	3.191	63	415447	55.98	ug/L	100
20) cis-1,2-Dichloroethene	3.915	96	248750	54.58	ug/L	100
22) 2-Butanone	3.989	43	301553	119.66	ug/L	100
23) Bromochloromethane	4.253	128	142269	52.97	ug/L	100
25) Chloroform	4.378	83	467650	50.98	ug/L	100
27) 1,2-Dichloroethane	5.133	62	372544	52.70	ug/L	100
29) Cyclohexane	4.680	56	350234	59.13	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	447396	50.95	ug/L	100
31) Carbon tetrachloride	4.831	117	419073	51.30	ug/L	100
33) Benzene	5.101	78	929550	55.76	ug/L	100
34) Trichloroethene	5.918	95	258246	54.03	ug/L	100
35) Methylcyclohexane	6.133	83	400489	57.08	ug/L	100
37) 1,2-Dichloropropane	6.175	63	232650	57.97	ug/L	100
38) Bromodichloromethane	6.513	83	354672	53.12	ug/L	100
39) cis-1,3-Dichloropropene	7.031	75	393855	56.87	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	587623	119.36	ug/L	100
42) Toluene	7.391	91	1054986	56.26	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	399373	55.97	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.844	97	247522	54.26	ug/L	100
46) Tetrachloroethene	7.979	164	227660	50.76	ug/L	100
48) 2-Hexanone	8.143	43	479305	124.85	ug/L	100
49) Dibromochloromethane	8.249	129	313330	52.18	ug/L	100
50) 1,2-Dibromoethane	8.355	107	270278	53.49	ug/L	100
51) Chlorobenzene	8.886	112	696937	53.17	ug/L	100
52) Ethylbenzene	9.014	91	1176429	55.50	ug/L	100
53) m,p-Xylene	9.140	106	455335	55.04	ug/L	100
54) o-Xylene	9.548	106	446325	55.59	ug/L	100
55) Styrene	9.564	104	770766	56.21	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.246	83	394708	54.33	ug/L	100
59) Bromoform	9.738	173	235536	47.67	ug/L	100
60) Isopropylbenzene	9.937	105	1200539	52.70	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	326684	53.13	ug/L	100
62) 1,3,5-Trimethylbenzene	10.545	105	1034963	53.16	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	1042179	52.93	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	592141	50.97	ug/L	100
65) 1,4-Dichlorobenzene	11.278	146	592450	48.80	ug/L	100
67) 1,2-Dichlorobenzene	11.648	146	596283	49.67	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.435	75	99900	55.22	ug/L	100
69) 1,3,5-Trichlorobenzene	12.651	180	455641	50.07	ug/L	100
70) 1,2,4-trichlorobenzene	13.268	180	384039	50.96	ug/L	100
71) Naphthalene	13.509	128	1161822	58.37	ug/L	100
72) 1,2,3-Trichlorobenzene	13.751	180	406662	53.55	ug/L	100

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

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