Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020521\
Data File : VU042274.D
Acq On : 05 Feb 2021 10:45
Operator : SY/MD
Sample : VSTD05035
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTD050304

Quant Time: Feb 06 07:01:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020521WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 06 06:59:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	186564	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	175343	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	94621	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	69323	36.31	ug/L	0.00
7) Chloroethane-d5	1.916	69	49772	33.10	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	149167	46.07	ug/L	0.00
21) 2-Butanone-d5	4.639	46	143690	94.33	ug/L	0.00
24) Chloroform-d	5.073	84	141189	46.27	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	99885	51.06	ug/L	0.00
32) Benzene-d6	5.735	84	255884	44.29	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	84607	44.84	ug/L	0.00
41) Toluene-d8	7.906	98	241126	47.66	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	44754	47.74	ug/L	0.00
47) 2-Hexanone-d5	8.642	63	95472	94.15	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	123897	44.83	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.201	152	98227	50.19	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	77446	44.41	ug/L	100
3) Chloromethane	1.523	50	69398	35.50	ug/L	100
5) Vinyl chloride	1.607	62	69767	34.87	ug/L	100
6) Bromomethane	1.861	94	38808	32.19	ug/L	100
8) Chloroethane	1.935	64	41014	33.60	ug/L	100
9) Trichlorofluoromethane	2.141	101	109339	42.28	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	64190	44.48	ug/L	100
12) 1,1-Dichloroethene	2.588	96	60045	43.52	ug/L	100
13) Acetone	2.642	43	129401	98.27	ug/L	100
14) Carbon disulfide	2.800	76	177303	40.37	ug/L	100
15) Methyl Acetate	2.957	43	98604	48.77	ug/L	100
16) Methylene chloride	3.054	84	67138	42.29	ug/L	100
17) trans-1,2-Dichloroethene	3.362	96	62668	43.21	ug/L	100
18) Methyl tert-butyl Ether	3.372	73	225603	47.28	ug/L	100
19) 1,1-Dichloroethane	3.880	63	129815	45.06	ug/L	100
20) cis-1,2-Dichloroethene	4.678	96	69578	44.35	ug/L	100
22) 2-Butanone	4.716	43	165626	97.07	ug/L	100
23) Bromochloromethane	4.983	128	37062	48.73	ug/L	100
25) Chloroform	5.099	83	130674	45.47	ug/L	100
27) 1,2-Dichloroethane	5.803	62	116835	51.59	ug/L	100
29) Cyclohexane	5.398	56	115359	45.98	ug/L	100
30) 1,1,1-Trichloroethane	5.327	97	120154	47.15	ug/L	100
31) Carbon tetrachloride	5.533	117	101812	48.11	ug/L	100
33) Benzene	5.784	78	266972	43.64	ug/L	100
34) Trichloroethene	6.549	95	69199	44.83	ug/L	100
35) Methylcyclohexane	6.771	83	106198	46.83	ug/L	100
37) 1,2-Dichloropropane	6.800	63	74709	45.10	ug/L	100
38) Bromodichloromethane	7.115	83	98891	47.52	ug/L	100
39) cis-1,3-Dichloropropene	7.616	75	117837	48.27	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	285440	107.37	ug/L	100
42) Toluene	7.976	91	284424	47.52	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	116185	49.69	ug/L	100

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Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.407	97	68128	47.03	ug/L	100
46) Tetrachloroethene	8.558	164	55841	54.98	ug/L	100
48) 2-Hexanone	8.693	43	233738	106.44	ug/L	100
49) Dibromochloromethane	8.819	129	79906	50.31	ug/L	100
50) 1,2-Dibromoethane	8.931	107	76848	49.47	ug/L	100
51) Chlorobenzene	9.455	112	176800	47.20	ug/L	100
52) Ethylbenzene	9.578	91	316958	48.72	ug/L	100
53) m,p-Xylene	9.700	106	117431	49.60	ug/L	100
54) o-xylene	10.108	106	117529	51.32	ug/L	100
55) Styrene	10.121	104	200536	49.97	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	123116	45.50	ug/L	100
59) Bromoform	10.298	173	66716	53.68	ug/L	100
60) 1,2,3-Trichloropropane	10.832	75	102408	42.85	ug/L	100
61) Isopropylbenzene	10.491	105	315537	48.74	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	273685	49.71	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	273318	49.82	ug/L	100
64) 1,3-Dichlorobenzene	11.754	146	146174	48.61	ug/L	100
65) 1,4-Dichlorobenzene	11.844	146	145712	48.46	ug/L	100
67) 1,2-Dichlorobenzene	12.221	146	150751	49.08	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.005	75	34837	45.87	ug/L	100
69) 1,3,5-Trichlorobenzene	13.227	180	114557	54.84	ug/L	100
70) 1,2,4-trichlorobenzene	13.848	180	97363	59.72	ug/L	100
71) Naphthalene	14.095	128	317209	58.42	ug/L	100
72) 1,2,3-Trichlorobenzene	14.340	180	98067	59.22	ug/L	100

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

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