Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112122\
Data File : VU052021.D
Acq On : 22 Nov 2022 02:17
Operator : JC/MD
Sample : N5737-02MS
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A4345MS

Quant Time: Nov 22 03:01:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 22 01:03:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	440868	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	437819	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	217030	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	173524	45.420	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.840%			
7) Chloroethane-d5	1.906	69	147408	48.719	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.440%			
11) 1,1-Dichloroethene-d2	2.568	63	269011	47.503	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.000%			
21) 2-Butanone-d5	4.616	46	241267	105.091	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.090%			
24) Chloroform-d	5.060	84	313860	50.141	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.280%			
26) 1,2-Dichloroethane-d4	5.700	65	186714	49.595	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.200%			
32) Benzene-d6	5.726	84	649666	49.783	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.560%			
36) 1,2-Dichloropropane-d6	6.687	67	208650	49.768	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.540%			
41) Toluene-d8	7.896	98	582712	49.977	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.960%			
43) trans-1,3-Dichloroprop...	8.176	79	85845	48.100	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.200%			
47) 2-Hexanone-d5	8.629	63	171752	105.019	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.020%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	336412	50.721	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.440%			
66) 1,2-Dichlorobenzene-d4	12.192	152	215497	48.016	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.040%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	119215	50.373	ug/L	100
3) Chloromethane	1.527	50	171248	50.491	ug/L	100
5) Vinyl chloride	1.604	62	176596	50.711	ug/L	100
6) Bromomethane	1.845	94	93531	53.510	ug/L	99
8) Chloroethane	1.928	64	117224	51.335	ug/L	96
9) Trichlorofluoromethane	2.137	101	207791	49.913	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	133838	50.071	ug/L	99
12) 1,1-Dichloroethene	2.578	96	128538	50.352	ug/L	97
13) Acetone	2.620	43	203483	97.025	ug/L	99
14) Carbon disulfide	2.793	76	320220	49.607	ug/L	100
15) Methyl Acetate	2.945	43	161653	48.280	ug/L	99
16) Methylene chloride	3.044	84	182704	46.991	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	140225	51.627	ug/L	98
18) Methyl tert-butyl Ether	3.359	73	479642	54.367	ug/L	99
19) 1,1-Dichloroethane	3.867	63	296639	53.086	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	173964	53.347	ug/L	99
22) 2-Butanone	4.697	43	252190	96.444	ug/L	99
23) Bromochloromethane	4.970	128	92348	52.610	ug/L	96
25) Chloroform	5.086	83	306470	53.152	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	228342	52.788	ug/L	99
29) Cyclohexane	5.388	56	200325	52.177	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	229284	51.068	ug/L	99
31) Carbon tetrachloride	5.523	117	183743	50.548	ug/L	98
33) Benzene	5.771	78	707461	54.545	ug/L	100
34) Trichloroethene	6.539	95	152445	50.373	ug/L	97
35) Methylcyclohexane	6.761	83	204602	49.329	ug/L	99
37) 1,2-Dichloropropane	6.787	63	189270	52.235	ug/L	99
38) Bromodichloromethane	7.102	83	232232	51.910	ug/L	98
39) cis-1,3-Dichloropropene	7.604	75	247870	50.588	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	509990	110.660	ug/L	99
42) Toluene	7.967	91	712237	53.141	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	237141	51.743	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	188389	52.741	ug/L	99
46) Tetrachloroethene	8.552	164	108158	47.373	ug/L	99
48) 2-Hexanone	8.681	43	404946	106.180	ug/L	99
49) Dibromochloromethane	8.806	129	185711	51.158	ug/L	100
50) 1,2-Dibromoethane	8.922	107	189350	52.779	ug/L	100
51) Chlorobenzene	9.443	112	495415	56.180	ug/L	99
52) Ethylbenzene	9.568	91	710399	52.057	ug/L	98
53) m,p-Xylene	9.690	106	279020	52.918	ug/L	96
54) o-Xylene	10.099	106	286629	53.727	ug/L	99
55) Styrene	10.111	104	487169	53.902	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	345675	53.180	ug/L	99
59) Bromoform	10.288	173	141198	50.234	ug/L	96
60) 1,2,3-Trichloropropane	10.819	75	261924	51.974	ug/L	99
61) Isopropylbenzene	10.481	105	707361	53.415	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	557986	52.738	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	556038	53.929	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	329565	51.337	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	340813	52.103	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	364384	54.174	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	63347	51.021	ug/L	100
69) 1,3,5-Trichlorobenzene	13.214	180	207891	48.508	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	169451	49.221	ug/L	99
71) Naphthalene	14.082	128	594398	53.033	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	191253	51.278	ug/L	99

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

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