Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
Data File : VU048265.D
Acq On : 25 Apr 2022 13:17
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD050099

Quant Time: Apr 26 02:37:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 26 02:28:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	396084	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	395029	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	220084	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	168852	46.359	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.720%			
7) Chloroethane-d5	1.909	69	138514	54.178	ug/L	0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 108.360%			
11) 1,1-Dichloroethene-d2	2.568	63	275422	47.194	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.380%			
21) 2-Butanone-d5	4.623	46	318997	102.686	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.690%			
24) Chloroform-d	5.067	84	315188	47.709	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.420%			
26) 1,2-Dichloroethane-d4	5.703	65	191302	48.804	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.600%			
32) Benzene-d6	5.729	84	655657	52.627	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.260%			
36) 1,2-Dichloropropane-d6	6.690	67	214173	51.998	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.000%			
41) Toluene-d8	7.899	98	601722	53.283	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.560%			
43) trans-1,3-Dichloroprop...	8.179	79	98321	54.098	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 108.200%			
47) 2-Hexanone-d5	8.632	63	232327	104.547	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.550%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	334925	46.364	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.720%			
66) 1,2-Dichlorobenzene-d4	12.195	152	248872	50.268	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.540%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	135339	45.220	ug/L	100
3) Chloromethane	1.523	50	154849	45.203	ug/L	100
5) Vinyl chloride	1.604	62	154633	44.794	ug/L	99
6) Bromomethane	1.851	94	88911	56.042	ug/L	99
8) Chloroethane	1.932	64	97237	49.816	ug/L	99
9) Trichlorofluoromethane	2.138	101	204748	45.512	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	137448	46.066	ug/L	99
12) 1,1-Dichloroethene	2.581	96	120776	46.372	ug/L	97
13) Acetone	2.629	43	180582	90.548	ug/L	99
14) Carbon disulfide	2.797	76	287755	45.333	ug/L	99
15) Methyl Acetate	2.948	43	195659	49.423	ug/L	98
16) Methylene chloride	3.047	84	157824	47.002	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	129112	47.719	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	449499	50.352	ug/L	100
19) 1,1-Dichloroethane	3.871	63	268069	47.380	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	158349	48.553	ug/L	97
22) 2-Butanone	4.703	43	286275	97.073	ug/L	99
23) Bromochloromethane	4.977	128	88314	48.502	ug/L	97
25) Chloroform	5.089	83	276334	47.829	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	200073	47.476	ug/L	100
29) Cyclohexane	5.391	56	196908	52.757	ug/L	98
30) 1,1,1-Trichloroethane	5.317	97	222963	49.912	ug/L	100
31) Carbon tetrachloride	5.526	117	190730	50.094	ug/L	100
33) Benzene	5.774	78	598608	51.182	ug/L	100
34) Trichloroethene	6.542	95	143025	49.891	ug/L	99
35) Methylcyclohexane	6.764	83	212395	52.772	ug/L	99
37) 1,2-Dichloropropane	6.793	63	167636	50.377	ug/L	99
38) Bromodichloromethane	7.105	83	207377	49.348	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	243336	52.004	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	511716	101.957	ug/L	99
42) Toluene	7.970	91	635485	51.752	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	238921	52.266	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	171422	49.100	ug/L	99
46) Tetrachloroethene	8.555	164	126075	51.242	ug/L	99
48) 2-Hexanone	8.684	43	422813	100.882	ug/L	99
49) Dibromochloromethane	8.812	129	188819	49.218	ug/L	100
50) 1,2-Dibromoethane	8.925	107	180795	51.066	ug/L	98
51) Chlorobenzene	9.449	112	421436	47.614	ug/L	99
52) Ethylbenzene	9.571	91	656140	51.596	ug/L	100
53) m,p-Xylene	9.693	106	266974	53.200	ug/L	98
54) o-Xylene	10.102	106	262045	51.833	ug/L	99
55) Styrene	10.115	104	441168	51.225	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	308348	44.750	ug/L	100
59) Bromoform	10.291	173	146100	45.742	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	239920	46.729	ug/L	100
61) Isopropylbenzene	10.484	105	658030	53.474	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	354846	54.711	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	555170	55.675	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	344997	50.007	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	337991	47.989	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	353869	48.691	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	71560	52.210	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	266893	52.062	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	234320	57.857	ug/L	100
71) Naphthalene	14.086	128	802090	69.204	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	250535	60.362	ug/L	100

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

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