Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102022\
Data File : VU051467.D
Acq On : 20 Oct 2022 12:33
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV048

Quant Time: Oct 20 22:02:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102022WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 20 21:53:25 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	564367	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	536083	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	273032	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	189293	42.271	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.540%			
7) Chloroethane-d5	1.909	69	158588	42.987	ug/L	0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.980%			
11) 1,1-Dichloroethene-d2	2.568	63	336963	44.203	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.400%			
21) 2-Butanone-d5	4.616	46	304161	96.354	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 96.350%			
24) Chloroform-d	5.060	84	361011	43.891	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.780%			
26) 1,2-Dichloroethane-d4	5.700	65	223539	43.715	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.440%			
32) Benzene-d6	5.726	84	728071	50.152	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.300%			
36) 1,2-Dichloropropane-d6	6.690	67	235834	49.468	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.940%			
41) Toluene-d8	7.896	98	677870	51.228	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.460%			
43) trans-1,3-Dichloroprop...	8.176	79	106531	52.479	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.960%			
47) 2-Hexanone-d5	8.629	63	205560	98.169	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.170%			
56) 1,1,2,2-Tetrachloroeth...	10.754	84	371944	44.911	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.820%			
66) 1,2-Dichlorobenzene-d4	12.192	152	247564	48.436	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	215124	43.615	ug/L	99
3) Chloromethane	1.523	50	272451	43.218	ug/L	98
5) Vinyl chloride	1.604	62	267987	42.952	ug/L	100
6) Bromomethane	1.851	94	170866	52.689	ug/L	99
8) Chloroethane	1.932	64	164898	44.224	ug/L	100
9) Trichlorofluoromethane	2.137	101	317100	43.929	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	195270	44.259	ug/L	99
12) 1,1-Dichloroethene	2.578	96	184712	44.163	ug/L	96
13) Acetone	2.620	43	265386	73.780	ug/L	98
14) Carbon disulfide	2.793	76	597187	43.837	ug/L	100
15) Methyl Acetate	2.945	43	255106	46.896	ug/L	100
16) Methylene chloride	3.044	84	244437	44.523	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	197720	45.966	ug/L	99
18) Methyl tert-butyl Ether	3.362	73	619721	50.382	ug/L	100
19) 1,1-Dichloroethane	3.867	63	381330	44.946	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	225257	47.999	ug/L	97
22) 2-Butanone	4.697	43	375678	89.992	ug/L	99
23) Bromochloromethane	4.973	128	117815	44.746	ug/L	98
25) Chloroform	5.086	83	394072	45.053	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	308605	45.438	ug/L	100
29) Cyclohexane	5.388	56	320123	56.837	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	312278	49.112	ug/L	99
31) Carbon tetrachloride	5.523	117	259214	48.283	ug/L	98
33) Benzene	5.771	78	895507	51.099	ug/L	100
34) Trichloroethene	6.542	95	207841	49.148	ug/L	96
35) Methylcyclohexane	6.761	83	338050	55.880	ug/L	99
37) 1,2-Dichloropropane	6.790	63	237110	49.336	ug/L	100
38) Bromodichloromethane	7.105	83	296541	48.470	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	332749	52.515	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	678644	105.683	ug/L	99
42) Toluene	7.967	91	950403	52.847	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	328274	53.237	ug/L	97
45) 1,1,2-Trichloroethane	8.398	97	229485	47.843	ug/L	99
46) Tetrachloroethene	8.552	164	156538	49.590	ug/L	97
48) 2-Hexanone	8.681	43	562975	102.595	ug/L	100
49) Dibromochloromethane	8.809	129	234078	47.679	ug/L	99
50) 1,2-Dibromoethane	8.922	107	242730	49.383	ug/L	98
51) Chlorobenzene	9.446	112	572084	48.577	ug/L	98
52) Ethylbenzene	9.568	91	953944	52.601	ug/L	100
53) m,p-Xylene	9.693	106	371692	53.172	ug/L	99
54) o-Xylene	10.099	106	368131	53.091	ug/L	99
55) Styrene	10.111	104	649446	53.899	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	416169	45.470	ug/L	100
59) Bromoform	10.288	173	172943	45.479	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	325137	45.952	ug/L	100
61) Isopropylbenzene	10.484	105	920213	53.669	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	794103	54.521	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	802980	55.989	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	436500	49.873	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	445746	49.523	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	446265	48.949	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	91095	47.701	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	296367	50.478	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	245668	54.348	ug/L	99
71) Naphthalene	14.086	128	857884	59.296	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	271914	56.038	ug/L	99

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

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