Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100721\
Data File : VX024639.D
Acq On : 07 Oct 2021 11:44
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VICV616

Quant Time: Oct 07 23:01:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM100721WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 07 11:31:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	307399	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	263109	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	134499	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	92276	48.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 96.96%			
7) Chloroethane-d5	1.666	69	60103	47.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.94%			
11) 1,1-Dichloroethene-d2	2.306	63	171175	45.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.62%			
21) 2-Butanone-d5	4.458	46	154408	98.68	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.68%			
24) Chloroform-d	5.062	84	192560	49.95	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.90%			
26) 1,2-Dichloroethane-d4	5.958	65	131179	48.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.24%			
32) Benzene-d6	5.976	84	405319	54.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.38%			
36) 1,2-Dichloropropane-d6	7.312	67	123641	53.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.68%			
41) Toluene-d8	8.653	98	369387	51.15	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.30%			
43) trans-1,3-Dichloroprop...	8.952	79	61436	53.49	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.98%			
47) 2-Hexanone-d5	9.384	63	113472	104.27	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.27%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	173198	54.25	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 108.50%			
66) 1,2-Dichlorobenzene-d4	12.323	152	142815	54.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.54%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	133144	49.00	ug/L	100
3) Chloromethane	1.294	50	110197	49.67	ug/L	95
5) Vinyl chloride	1.374	62	110919	49.55	ug/L	99
6) Bromomethane	1.605	94	61187	49.54	ug/L	100
8) Chloroethane	1.685	64	54306	46.47	ug/L	97
9) Trichlorofluoromethane	1.886	101	151076	47.89	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	90195	45.93	ug/L	95
12) 1,1-Dichloroethene	2.319	96	80010	45.32	ug/L	83
13) Acetone	2.386	43	150354	97.21	ug/L	91
14) Carbon disulfide	2.514	76	231471	45.41	ug/L	99
15) Methyl Acetate	2.709	43	112099	45.49	ug/L	92
16) Methylene chloride	2.788	84	93190	43.87	ug/L	93
17) trans-1,2-Dichloroethene	3.093	96	89011	44.47	ug/L	93
18) Methyl tert-butyl Ether	3.123	73	300839	45.69	ug/L	96
19) 1,1-Dichloroethane	3.611	63	168229	44.98	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	102034	45.16	ug/L	95
22) 2-Butanone	4.562	43	192251	93.90	ug/L	92
23) Bromochloromethane	4.904	128	54836	46.44	ug/L	98
25) Chloroform	5.099	83	202971	47.99	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	6.092	62	154750	47.16	ug/L		98
29) Cyclohexane	5.477	56	174843	53.54	ug/L		99
30) 1,1,1-Trichloroethane	5.385	97	178125	51.63	ug/L		98
31) Carbon tetrachloride	5.678	117	159951	52.84	ug/L		98
33) Benzene	6.044	78	428327	52.68	ug/L		100
34) Trichloroethene	7.129	95	116659	52.13	ug/L		98
35) Methylcyclohexane	7.379	83	195424	54.93	ug/L		97
37) 1,2-Dichloropropane	7.434	63	109330	51.06	ug/L		100
38) Bromodichloromethane	7.824	83	139428	50.97	ug/L		100
39) cis-1,3-Dichloropropene	8.366	75	159704	49.74	ug/L		100
40) 4-Methyl-2-pentanone	8.574	43	334896	102.79	ug/L		94
42) Toluene	8.720	91	427530	47.11	ug/L		99
44) trans-1,3-Dichloropropene	8.982	75	166336	53.05	ug/L		100
45) 1,1,2-Trichloroethane	9.153	97	108722	52.22	ug/L		97
46) Tetrachloroethene	9.275	164	90304	51.77	ug/L		94
48) 2-Hexanone	9.433	43	267540	100.66	ug/L		90
49) Dibromochloromethane	9.525	129	106123	49.02	ug/L		99
50) 1,2-Dibromoethane	9.610	107	107733	47.92	ug/L	#	99
51) Chlorobenzene	10.079	112	279773	51.15	ug/L		98
52) Ethylbenzene	10.195	91	491370	52.59	ug/L		96
53) m,p-Xylene	10.305	106	193065	52.89	ug/L		98
54) o-Xylene	10.640	106	190158	52.15	ug/L		97
55) Styrene	10.659	104	324877	53.38	ug/L		99
57) 1,1,2,2-Tetrachloroethane	11.213	83	170142	51.71	ug/L		99
59) Bromoform	10.799	173	75843	49.84	ug/L		98
60) Isopropylbenzene	10.963	105	506759	54.71	ug/L		100
61) 1,2,3-Trichloropropane	11.238	75	142647	51.67	ug/L		99
62) 1,3,5-Trimethylbenzene	11.451	105	442220	54.36	ug/L		98
63) 1,2,4-Trimethylbenzene	11.756	105	442390	55.63	ug/L		99
64) 1,3-Dichlorobenzene	11.969	146	218968	50.70	ug/L		96
65) 1,4-Dichlorobenzene	12.042	146	220927	51.21	ug/L		96
67) 1,2-Dichlorobenzene	12.335	146	228400	53.56	ug/L		98
68) 1,2-Dibromo-3-chloropr...	12.945	75	39920	53.79	ug/L		97
69) 1,3,5-Trichlorobenzene	13.115	180	165578	53.37	ug/L		99
70) 1,2,4-trichlorobenzene	13.591	180	143538	54.68	ug/L		98
71) Naphthalene	13.780	128	499590	57.01	ug/L		99
72) 1,2,3-Trichlorobenzene	13.963	180	147599	54.49	ug/L		98

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

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