Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071719\
Data File : VX010942.D
Acq On : 17 Jul 2019 17:39
Operator : JC/SP
Sample : K3855-05MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SS050MW641-190716MS

Manual Integrations APPROVED
MMDadoda
7/22/2019 10:58:12 AM

Quant Time: Jul 18 03:56:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 06:57:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	201873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	307708	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	285267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	151276	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	114546	53.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.68%			
35) Dibromofluoromethane	5.50	113	103394	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.88%			
50) Toluene-d8	8.71	98	392698	53.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.22%			
62) 4-Bromofluorobenzene	11.13	95	146903	54.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 109.12%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	112187	52.094	ug/l	97
3) Chloromethane	1.32	50	101186	54.506	ug/l	98
4) Vinyl Chloride	1.41	62	112764	59.552	ug/l	98
5) Bromomethane	1.64	94	50402	47.235	ug/l	99
6) Chloroethane	1.72	64	64350	53.477	ug/l	95
7) Trichlorofluoromethane	1.93	101	173612	54.164	ug/l	100
8) Diethyl Ether	2.19	74	58203	52.703	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	97196	53.108	ug/l	98
10) Methyl Iodide	2.51	142	108353	45.116	ug/l	99
11) Tert butyl alcohol	3.05	59	109906	219.741	ug/l	98
12) 1,1-Dichloroethene	2.37	96	94954	52.807	ug/l	99
13) Acrolein	2.29	56	61257	211.980	ug/l	100
14) Allyl chloride	2.73	41	138426	52.999	ug/l	99
15) Acrylonitrile	3.14	53	273545	270.657	ug/l	99
16) Acetone	2.45	43	215605	222.280	ug/l	100
17) Carbon Disulfide	2.57	76	245665	53.261	ug/l	98
18) Methyl Acetate	2.78	43	111893	50.661	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	305852	52.837	ug/l	98
20) Methylene Chloride	2.85	84	107326	52.212	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	101695	53.302	ug/l	96
22) Diisopropyl ether	3.85	45	294362	53.437	ug/l	98
23) Vinyl Acetate	3.81	43	1302075	278.973	ug/l	100
24) 1,1-Dichloroethane	3.70	63	170009	53.142	ug/l	99
25) 2-Butanone	4.67	43	367141	263.679	ug/l	98
26) 2,2-Dichloropropane	4.59	77	130138	49.543	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	122204	55.344	ug/l	97
28) Bromochloromethane	5.01	49	81945	54.357	ug/l	98
29) Tetrahydrofuran	5.13	42	240033	272.150	ug/l	99
30) Chloroform	5.21	83	181322	52.437	ug/l	100
31) Cyclohexane	5.58	56	153937	52.791	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	158149	52.864	ug/l	99
36) 1,1-Dichloropropene	5.80	75	133539	52.834	ug/l	99
37) Ethyl Acetate	4.84	43	140235	54.184	ug/l	99
38) Carbon Tetrachloride	5.78	117	138699	52.661	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) Methylcyclohexane	7.46	83	168945	51.543 ug/l	98
40) Benzene	6.14	78	404339	52.224 ug/l	100
41) Methacrylonitrile	5.04	41	76231	51.885 ug/l	98
42) 1,2-Dichloroethane	6.19	62	140064	52.030 ug/l	99
43) Isopropyl Acetate	6.45	43	224308	52.708 ug/l	99
44) Trichloroethene	7.21	130	116975	51.041 ug/l	94
45) 1,2-Dichloropropane	7.51	63	102715	52.124 ug/l	99
46) Dibromomethane	7.66	93	75346	53.509 ug/l	99
47) Bromodichloromethane	7.90	83	135717	54.145 ug/l	97
48) Methyl methacrylate	7.77	41	110807	53.449 ug/l	98
49) 1,4-Dioxane	7.74	88	53311	919.301 ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	746763	270.695 ug/l	100
52) Toluene	8.78	92	263504	51.808 ug/l	99
53) t-1,3-Dichloropropene	9.04	75	144937	53.776 ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	159034	53.029 ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	110216	52.629 ug/l	97
56) Ethyl methacrylate	9.18	69	169197	55.233 ug/l	100
57) 1,3-Dichloropropane	9.37	76	173675	52.277 ug/l	99
59) 2-Hexanone	9.49	43	587673	274.654 ug/l	99
60) Dibromochloromethane	9.58	129	119184	49.478 ug/l	100
61) 1,2-Dibromoethane	9.67	107	120510	54.222 ug/l	99
64) Tetrachloroethene	9.34	164	108133	48.185 ug/l	98
65) Chlorobenzene	10.14	112	299369	51.094 ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	109295	53.076 ug/l	98
67) Ethyl Benzene	10.25	91	518691	52.010 ug/l	99
68) m/p-Xylenes	10.36	106	397751	103.972 ug/l	100
69) o-Xylene	10.69	106	194486	52.091 ug/l	100
70) Styrene	10.71	104	335212	53.859 ug/l	100
71) Bromoform	10.85	173	89797	48.000 ug/l	99
73) Isopropylbenzene	11.02	105	525635	51.423 ug/l	99
74) N-amyl acetate	10.90	43	208344	53.345 ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	175360	52.423 ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	146488m	53.661 ug/l	
77) Bromobenzene	11.26	156	143141	50.768 ug/l	100
78) n-propylbenzene	11.36	91	586282	51.910 ug/l	99
79) 2-Chlorotoluene	11.42	91	348231	51.326 ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	439372	51.441 ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	50203	46.864 ug/l	97
82) 4-Chlorotoluene	11.51	91	406018	51.417 ug/l	100
83) tert-Butylbenzene	11.77	119	438292	52.242 ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	445936	51.800 ug/l	99
85) sec-Butylbenzene	11.94	105	515192	52.408 ug/l	99
86) p-Isopropyltoluene	12.06	119	475851	52.359 ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	252474	51.599 ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	250698	49.957 ug/l	98
89) n-Butylbenzene	12.38	91	409522	52.670 ug/l	100
90) Hexachloroethane	12.60	117	73460	51.247 ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	247554	51.049 ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37490	53.616 ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	169002	51.424 ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	81760	50.203	ug/l	100
95) Naphthalene	13.83	128	514728	53.039	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	170626	52.180	ug/l	99

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

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