Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070920\
Data File : BF120814.D
Acq On : 9 Jul 2020 13:01
Operator : JU/CG
Sample : L3216-07
Misc : LOD-MDL-WATER-8PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Manual Integrations APPROVED
mohammad
7/10/2020 11:49:42 AM

Quant Time: Jul 09 13:28:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 09 11:36:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	138709	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	524964	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	257241	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	461103	20.00	ng		0.00
76) Chrysene-d12	14.00	240	330518	20.00	ng		0.00
86) Perylene-d12	15.46	264	268440	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	833722	92.78	ng		0.00
7) Phenol-d6	6.47	99	1065735	92.87	ng		0.00
23) Nitrobenzene-d5	7.41	82	720157	79.48	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	253100	97.94	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	1300645	76.50	ng		0.00
79) Terphenyl-d14	12.96	244	1059325	62.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	32267	7.861	ng		99
3) Pyridine	3.37	79	62471	5.556	ng		99
4) n-Nitrosodimethylamine	3.26	42	36455	6.481	ng		95
6) Aniline	6.51	93	104389	7.083	ng		95
8) 2-Chlorophenol	6.63	128	67377	7.043	ng		96
9) Benzaldehyde	6.39	77	58501	8.572	ng		96
10) Phenol	6.48	94	84320	7.143	ng		94
11) bis(2-Chloroethyl)ether	6.58	93	66210	6.893	ng		100
12) 1,3-Dichlorobenzene	6.79	146	74215	7.048	ng		96
13) 1,4-Dichlorobenzene	6.86	146	74348	7.049	ng		99
14) 1,2-Dichlorobenzene	7.02	146	71015	7.077	ng		98
15) Benzyl Alcohol	6.98	79	66172	7.675	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	98961	6.605	ng		99
17) 2-Methylphenol	7.09	107	53473	6.248	ng		98
18) Hexachloroethane	7.36	117	27243	6.872	ng		98
19) n-Nitroso-di-n-propylamine	7.25	70	46015	6.660	ng		97
20) 3+4-Methylphenols	7.24	107	68588	6.507	ng		94
22) Acetophenone	7.25	105	99662	7.638	ng		95
24) Nitrobenzene	7.42	77	75759	7.447	ng		94
25) Isophorone	7.66	82	126675	6.483	ng		97
26) 2-Nitrophenol	7.74	139	23478	6.313	ng		94
27) 2,4-Dimethylphenol	7.77	122	56599	7.256	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	80448	6.956	ng		97
29) 2,4-Dichlorophenol	7.98	162	49186	6.316	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	58940	6.739	ng		99
31) Naphthalene	8.15	128	202991	7.235	ng		97
32) Benzoic acid	7.83	122	17669	4.185	ng		95
33) 4-Chloroaniline	8.19	127	77093	6.476	ng	#	94
34) Hexachlorobutadiene	8.27	225	33600	6.387	ng		98
35) Caprolactam	8.52	113	13436	5.921	ng		91
36) 4-Chloro-3-methylphenol	8.67	107	52250	6.450	ng		96
37) 2-Methylnaphthalene	8.84	142	128282	7.034	ng		98
38) 1-Methylnaphthalene	8.94	142	119523	6.996	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	56366	7.250	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	26274	5.720	ng		98
43) 2,4,6-Trichlorophenol	9.12	196	31417	5.930	ng		98
44) 2,4,5-Trichlorophenol	9.15	196	33994	5.782	ng		99
46) 1,1'-Biphenyl	9.30	154	159904	7.706	ng		99
47) 2-Chloronaphthalene	9.33	162	113639	6.836	ng		98
48) 2-Nitroaniline	9.42	65	30010	6.747	ng	#	85
49) Acenaphthylene	9.75	152	180244	6.916	ng		97
50) Dimethylphthalate	9.60	163	124557	6.638	ng		98
51) 2,6-Dinitrotoluene	9.66	165	22217	6.554	ng		86
52) Acenaphthene	9.92	154	106426	6.582	ng		97
53) 3-Nitroaniline	9.83	138	26917	6.427	ng		96
54) 2,4-Dinitrophenol	9.93	184	3093	2.763	ng	#	1
55) Dibenzofuran	10.09	168	161466	6.928	ng		98
56) 4-Nitrophenol	9.97	139	16671	5.419	ng		99
57) 2,4-Dinitrotoluene	10.06	165	26943	6.620	ng		96
58) Fluorene	10.43	166	124168	7.158	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	26288m	6.009	ng		
60) Diethylphthalate	10.30	149	125250	6.407	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	59962	6.876	ng		96
62) 4-Nitroaniline	10.43	138	25138	6.305	ng		96
63) Azobenzene	10.58	77	136322	6.817	ng		92
65) 4,6-Dinitro-2-methylphenol	10.46	198	6450	4.354	ng		97
66) n-Nitrosodiphenylamine	10.54	169	103722	6.711	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	31393	5.869	ng		97
68) Hexachlorobenzene	10.97	284	35113	6.256	ng		97
69) Atrazine	11.06	200	28184	7.079	ng		98
70) Pentachlorophenol	11.17	266	14204	4.473	ng		99
71) Phenanthrene	11.39	178	170365	6.809	ng		99
72) Anthracene	11.44	178	172788	6.835	ng		99
73) Carbazole	11.59	167	152115	6.261	ng		99
74) Di-n-butylphthalate	11.93	149	168146	5.590	ng		99
75) Fluoranthene	12.57	202	166332	6.241	ng		99
77) Benzidine	12.70	184	63082	6.762	ng	#	94
78) Pyrene	12.80	202	175864	6.662	ng		97
80) Butylbenzylphthalate	13.43	149	55200	4.844	ng		99
81) Benzo(a)anthracene	13.99	228	142846	6.742	ng		100
82) 3,3'-Dichlorobenzidine	13.96	252	40990	5.733	ng	#	97
83) Chrysene	14.03	228	136495	6.316	ng		97
84) Bis(2-ethylhexyl)phthalate	13.99	149	87333	5.844	ng		100
85) Di-n-octyl phthalate	14.60	149	106693	4.035	ng		97
87) Indeno(1,2,3-cd)pyrene	16.90	276	99488	5.778	ng		97
88) Benzo(b)fluoranthene	15.04	252	107687	6.102	ng		98
89) Benzo(k)fluoranthene	15.06	252	116555	6.787	ng		95
90) Benzo(a)pyrene	15.40	252	91292	5.799	ng		97
91) Dibenzo(a,h)anthracene	16.93	278	85149	5.933	ng		97
92) Benzo(g,h,i)perylene	17.34	276	84547	6.446	ng		98

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

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