Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071321\
Data File : BF124555.D
Acq On : 13 Jul 2021 20:14
Operator : JU/CG
Sample : M2940-08
Misc : LOQ-WATER 5 ppm
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2021

Manual Integrations APPROVED
mohammad
7/14/2021 12:16:01 PM

Quant Time: Jul 14 02:42:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 14 02:38:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	8400	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	32398	20.000	ng		0.00
39) Acenaphthene-d10	9.963	164	18031	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	31861	20.000	ng		0.00
76) Chrysene-d12	14.092	240	21257	20.000	ng		0.00
86) Perylene-d12	15.592	264	15441	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.545	112	56530	116.598	ng		0.00
7) Phenol-d6	6.551	99	70530	119.584	ng		0.00
23) Nitrobenzene-d5	7.492	82	38349	74.723	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	16671	118.812	ng		0.00
45) 2-Fluorobiphenyl	9.286	172	90292	73.023	ng		0.00
79) Terphenyl-d14	13.045	244	95108	75.131	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.798	88	714	4.502	ng	#	100
3) Pyridine	3.587	79	1756	4.317	ng		94
4) n-Nitrosodimethylamine	3.487	42	1372	4.150	ng		98
6) Aniline	6.598	93	3104	4.995	ng	#	88
8) 2-Chlorophenol	6.710	128	2305	4.241	ng		82
9) Benzaldehyde	6.481	77	1687	4.876	ng		95
10) Phenol	6.563	94	2501	4.343	ng		93
11) bis(2-Chloroethyl)ether	6.663	93	2022	4.529	ng		96
12) 1,3-Dichlorobenzene	6.869	146	3014m	5.066	ng		
13) 1,4-Dichlorobenzene	6.945	146	2928	4.819	ng		97
14) 1,2-Dichlorobenzene	7.098	146	2531	4.383	ng		96
15) Benzyl Alcohol	7.057	79	1516	3.715	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	7.198	45	3546	4.608	ng		75
17) 2-Methylphenol	7.157	107	1835	4.612	ng	#	93
18) Hexachloroethane	7.439	117	1029	4.497	ng	#	88
19) n-Nitroso-di-n-propyla...	7.328	70	1297	3.911	ng	#	81
20) 3+4-Methylphenols	7.310	107	2421	4.622	ng	#	76
22) Acetophenone	7.328	105	3528	4.798	ng	#	96
24) Nitrobenzene	7.504	77	2312	4.543	ng		98
25) Isophorone	7.739	82	3938	4.180	ng		94
26) 2-Nitrophenol	7.816	139	1046	3.810	ng	#	83
27) 2,4-Dimethylphenol	7.845	122	2194	4.823	ng		92
28) bis(2-Chloroethoxy)met...	7.951	93	2486	4.524	ng		97
29) 2,4-Dichlorophenol	8.051	162	1996	4.254	ng		92
30) 1,2,4-Trichlorobenzene	8.145	180	2178	4.195	ng		98
31) Naphthalene	8.228	128	7621	4.548	ng		97
32) Benzoic acid	7.892	122	849	2.678	ng	#	81
33) 4-Chloroaniline	8.269	127	2690	4.248	ng	#	91
34) Hexachlorobutadiene	8.345	225	1189	4.057	ng		90
35) Caprolactam	8.604	113	325	2.739	ng	#	84
36) 4-Chloro-3-methylphenol	8.739	107	1961	4.227	ng		95
37) 2-Methylnaphthalene	8.916	142	5345	4.727	ng		93
38) 1-Methylnaphthalene	9.016	142	4666	4.394	ng		87
40) 1,2,4,5-Tetrachloroben...	9.080	216	2273	4.726	ng		93
41) Hexachlorocyclopentadiene	9.075	237	1583	5.269	ng		95
43) 2,4,6-Trichlorophenol	9.186	196	1456	4.194	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	1608	4.491	ng		93
46) 1,1'-Biphenyl	9.380	154	6557	4.788	ng		93
47) 2-Chloronaphthalene	9.410	162	4425	4.121	ng		93
48) 2-Nitroaniline	9.492	65	1254	4.857	ng		99
49) Acenaphthylene	9.822	152	7442	4.442	ng		97
50) Dimethylphthalate	9.674	163	5607	4.470	ng	#	94
51) 2,6-Dinitrotoluene	9.733	165	1239	5.010	ng		99
52) Acenaphthene	9.998	154	4872	4.548	ng		95
53) 3-Nitroaniline	9.904	138	1154	4.182	ng	#	84
54) 2,4-Dinitrophenol	10.004	184	300	2.325	ng	#	1
55) Dibenzofuran	10.169	168	6900	4.380	ng		97
56) 4-Nitrophenol	10.045	139	844	3.675	ng	#	86
57) 2,4-Dinitrotoluene	10.139	165	1619	4.782	ng	#	75
58) Fluorene	10.510	166	5267	4.323	ng		92
59) 2,3,4,6-Tetrachlorophenol	10.280	232	1189	4.300	ng	#	89
60) Diethylphthalate	10.380	149	5781	4.407	ng		98
61) 4-Chlorophenyl-phenyle...	10.504	204	2436	4.405	ng		96
62) 4-Nitroaniline	10.510	138	1169	4.203	ng		89
63) Azobenzene	10.663	77	5129	4.473	ng		99
65) 4,6-Dinitro-2-methylph...	10.545	198	492	2.703	ng		90
66) n-Nitrosodiphenylamine	10.621	169	4557	4.393	ng		96
67) 4-Bromophenyl-phenylether	10.998	248	1242	3.770	ng		98
68) Hexachlorobenzene	11.057	284	1425	4.222	ng		97
69) Atrazine	11.139	200	1526	4.803	ng		91
70) Pentachlorophenol	11.245	266	793	3.714	ng		89
71) Phenanthrene	11.474	178	7831m	4.505	ng		
72) Anthracene	11.527	178	7909	4.535	ng		97
73) Carbazole	11.674	167	7120	4.419	ng		98
74) Di-n-butylphthalate	12.010	149	9509	4.381	ng		98
75) Fluoranthene	12.663	202	7487	4.269	ng		97
77) Benzidine	12.780	184	4242	5.338	ng		96
78) Pyrene	12.892	202	8116	4.595	ng		96
80) Butylbenzylphthalate	13.510	149	3512	4.113	ng		94
81) Benzo(a)anthracene	14.080	228	6311	4.477	ng		94
82) 3,3'-Dichlorobenzidine	14.039	252	2116	5.730	ng	#	88
83) Chrysene	14.115	228	5966	4.418	ng		93
84) Bis(2-ethylhexyl)phtha...	14.068	149	4410	3.847	ng	#	94
85) Di-n-octyl phthalate	14.686	149	6791	4.094	ng	#	94
87) Indeno(1,2,3-cd)pyrene	17.086	276	4127	4.609	ng	#	77
88) Benzo(b)fluoranthene	15.139	252	5136	4.634	ng		94
89) Benzo(k)fluoranthene	15.168	252	4489	4.414	ng		95
90) Benzo(a)pyrene	15.515	252	3934	4.300	ng	#	94
91) Dibenzo(a,h)anthracene	17.115	278	3742	4.909	ng	#	89
92) Benzo(g,h,i)perylene	17.539	276	3452	4.639	ng	#	81

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

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