Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071321\
Data File : BF124556.D
Acq On : 13 Jul 2021 20:47
Operator : JU/CG
Sample : M2940-08
Misc : LOQ-WATER-10ppm
ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
7/14/2021 12:16:05 PM

Quant Time: Jul 14 02:34:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 07:49:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	7411	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	29150	20.000	ng		0.00
39) Acenaphthene-d10	9.969	164	16245	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	29160	20.000	ng		0.00
76) Chrysene-d12	14.092	240	18556	20.000	ng		0.00
86) Perylene-d12	15.586	264	12821	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.551	112	55750	130.335	ng		0.01
7) Phenol-d6	6.551	99	70738	135.942	ng		0.00
23) Nitrobenzene-d5	7.492	82	40270	87.209	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	17079	135.101	ng		0.00
45) 2-Fluorobiphenyl	9.286	172	96583	86.698	ng		0.00
79) Terphenyl-d14	13.045	244	99409	89.959	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.828	88	1695	11.385	ng	#	100
3) Pyridine	3.610	79	2851	7.945	ng	#	90
4) n-Nitrosodimethylamine	3.516	42	3272	11.218	ng		85
6) Aniline	6.598	93	6753	12.317	ng		94
8) 2-Chlorophenol	6.710	128	5410	11.282	ng		98
9) Benzaldehyde	6.481	77	3786	12.402	ng		99
10) Phenol	6.563	94	5338	10.507	ng		96
11) bis(2-Chloroethyl)ether	6.663	93	4504	11.435	ng		96
12) 1,3-Dichlorobenzene	6.869	146	6035m	11.498	ng		
13) 1,4-Dichlorobenzene	6.945	146	6001	11.194	ng		96
14) 1,2-Dichlorobenzene	7.098	146	5682	11.153	ng		98
15) Benzyl Alcohol	7.057	79	4451	12.362	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.198	45	7729	11.385	ng		99
17) 2-Methylphenol	7.163	107	3703	10.550	ng		96
18) Hexachloroethane	7.439	117	2527	12.517	ng		96
19) n-Nitroso-di-n-propyla...	7.333	70	3168	10.829	ng	#	93
20) 3+4-Methylphenols	7.316	107	4914	10.633	ng	#	88
22) Acetophenone	7.328	105	7540	11.397	ng	#	96
24) Nitrobenzene	7.504	77	4728	10.326	ng		96
25) Isophorone	7.739	82	8772	10.348	ng		99
26) 2-Nitrophenol	7.822	139	2920	11.822	ng		97
27) 2,4-Dimethylphenol	7.845	122	5120	12.510	ng		92
28) bis(2-Chloroethoxy)met...	7.951	93	5750	11.629	ng		95
29) 2,4-Dichlorophenol	8.057	162	4625	10.956	ng		97
30) 1,2,4-Trichlorobenzene	8.145	180	5111	10.940	ng		94
31) Naphthalene	8.228	128	16626	11.027	ng		100
32) Benzoic acid	7.910	122	2432	12.244	ng	#	83
33) 4-Chloroaniline	8.269	127	6932	12.167	ng		98
34) Hexachlorobutadiene	8.345	225	2956	11.210	ng		91
35) Caprolactam	8.622	113	852	7.979	ng	#	82
36) 4-Chloro-3-methylphenol	8.739	107	4257	10.197	ng		94
37) 2-Methylnaphthalene	8.922	142	11268	11.075	ng		94
38) 1-Methylnaphthalene	9.022	142	10343	10.825	ng		98
40) 1,2,4,5-Tetrachloroben...	9.086	216	5162	11.914	ng		90
41) Hexachlorocyclopentadiene	9.075	237	3504	12.946	ng		94
43) 2,4,6-Trichlorophenol	9.192	196	3125	9.990	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.227	196	3502	10.855	ng	#	87
46) 1,1'-Biphenyl	9.386	154	14353	11.633	ng		97
47) 2-Chloronaphthalene	9.410	162	10268	10.615	ng		92
48) 2-Nitroaniline	9.498	65	2632	11.315	ng		95
49) Acenaphthylene	9.827	152	16657	11.034	ng	#	96
50) Dimethylphthalate	9.680	163	12111	10.715	ng	#	96
51) 2,6-Dinitrotoluene	9.739	165	2266	10.170	ng	#	80
52) Acenaphthene	9.998	154	10190	10.557	ng		99
53) 3-Nitroaniline	9.910	138	2801	11.266	ng		93
54) 2,4-Dinitrophenol	10.010	184	1066	9.169	ng	#	81
55) Dibenzofuran	10.169	168	15397	10.849	ng		99
56) 4-Nitrophenol	10.051	139	2091	10.105	ng		91
57) 2,4-Dinitrotoluene	10.139	165	3283	10.763	ng		95
58) Fluorene	10.510	166	11629	10.594	ng		93
59) 2,3,4,6-Tetrachlorophenol	10.280	232	2513	10.086	ng	#	95
60) Diethylphthalate	10.380	149	12961	10.968	ng		96
61) 4-Chlorophenyl-phenyle...	10.504	204	5471	10.980	ng		99
62) 4-Nitroaniline	10.516	138	2550	10.176	ng	#	84
63) Azobenzene	10.669	77	10244	9.917	ng		96
65) 4,6-Dinitro-2-methylph...	10.545	198	1395	8.375	ng		96
66) n-Nitrosodiphenylamine	10.621	169	9854	10.378	ng		93
67) 4-Bromophenyl-phenylether	10.998	248	3071	10.185	ng		96
68) Hexachlorobenzene	11.057	284	3175	10.277	ng		96
69) Atrazine	11.145	200	3517	12.094	ng		93
70) Pentachlorophenol	11.251	266	2011	10.291	ng		95
71) Phenanthrene	11.474	178	16843m	10.587	ng		
72) Anthracene	11.527	178	16824	10.541	ng		97
73) Carbazole	11.680	167	14467	9.810	ng		98
74) Di-n-butylphthalate	12.010	149	20666	10.403	ng		99
75) Fluoranthene	12.663	202	16072	10.013	ng		95
77) Benzidine	12.786	184	9264	13.355	ng		99
78) Pyrene	12.892	202	16348	10.604	ng		99
80) Butylbenzylphthalate	13.510	149	7810	10.477	ng		92
81) Benzo(a)anthracene	14.080	228	12810	10.409	ng		100
82) 3,3'-Dichlorobenzidine	14.045	252	4571	14.180	ng		95
83) Chrysene	14.121	228	12373	10.495	ng		98
84) Bis(2-ethylhexyl)phtha...	14.074	149	9743	9.735	ng		99
85) Di-n-octyl phthalate	14.686	149	13749	9.494	ng	#	95
87) Indeno(1,2,3-cd)pyrene	17.092	276	7950	10.692	ng		95
88) Benzo(b)fluoranthene	15.145	252	9862	10.717	ng		98
89) Benzo(k)fluoranthene	15.174	252	9135	10.819	ng		98
90) Benzo(a)pyrene	15.521	252	8363	11.009	ng		95
91) Dibenzo(a,h)anthracene	17.109	278	6609	10.442	ng	#	94
92) Benzo(g,h,i)perylene	17.545	276	6410	10.373	ng		98

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

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