Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072921\
Data File : BF124852.D
Acq On : 29 Jul 2021 15:36
Operator : JU/CG
Sample : M3206-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20210590-AMENDED-COM-4MS

Manual Integrations APPROVED
mohammad
7/30/2021 12:00:49 PM

Quant Time: Jul 29 16:17:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	6373	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	27037	20.000	ng	#	0.00
39) Acenaphthene-d10	9.916	164	16041	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	30306	20.000	ng	#	0.00
76) Chrysene-d12	14.051	240	19275	20.000	ng	#	0.01
86) Perylene-d12	15.521	264	15882	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	45864	121.850	ng		0.02
7) Phenol-d6	6.510	99	64598	136.898	ng		0.01
23) Nitrobenzene-d5	7.445	82	43538	95.842	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	16771	121.769	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	87128	79.776	ng		0.00
79) Terphenyl-d14	12.992	244	103073	91.664	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.704	88	6345	48.225	ng	#	100
3) Pyridine	3.457	79	13930	44.725	ng		90
4) n-Nitrosodimethylamine	3.416	42	12737	51.711	ng		97
6) Aniline	6.539	93	25832	53.267	ng		98
8) 2-Chlorophenol	6.663	128	22707	53.487	ng		97
9) Benzaldehyde	6.422	77	13248	52.146	ng		94
10) Phenol	6.522	94	26246	58.082	ng		91
11) bis(2-Chloroethyl)ether	6.610	93	20744	57.898	ng		96
12) 1,3-Dichlorobenzene	6.816	146	23652	51.260	ng		95
13) 1,4-Dichlorobenzene	6.892	146	24332	52.712	ng		97
14) 1,2-Dichlorobenzene	7.045	146	23871	53.522	ng		98
15) Benzyl Alcohol	7.022	79	19387	62.478	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	34203	56.718	ng		92
17) 2-Methylphenol	7.128	107	17902	57.883	ng		94
18) Hexachloroethane	7.386	117	9839	56.235	ng		85
19) n-Nitroso-di-n-propyla...	7.292	70	16387	65.035	ng	#	90
20) 3+4-Methylphenols	7.281	107	22769	55.721	ng	#	83
22) Acetophenone	7.286	105	32557	51.963	ng	#	88
24) Nitrobenzene	7.463	77	22992	51.625	ng		97
25) Isophorone	7.698	82	42749	53.220	ng	#	91
26) 2-Nitrophenol	7.775	139	12228	49.572	ng	#	82
27) 2,4-Dimethylphenol	7.810	122	21693	57.152	ng		89
28) bis(2-Chloroethoxy)met...	7.904	93	27873	59.713	ng	#	95
29) 2,4-Dichlorophenol	8.016	162	19931	49.581	ng		96
30) 1,2,4-Trichlorobenzene	8.098	180	21846	49.584	ng		98
31) Naphthalene	8.181	128	66836	47.369	ng		99
32) Benzoic acid	7.957	122	13376	45.529	ng		92
33) 4-Chloroaniline	8.228	127	16095	30.335	ng		95
34) Hexachlorobutadiene	8.292	225	13192	50.090	ng		98
35) Caprolactam	8.616	113	6492m	62.136	ng		
36) 4-Chloro-3-methylphenol	8.716	107	22327	58.230	ng		95
37) 2-Methylnaphthalene	8.875	142	47103	49.963	ng		100
38) 1-Methylnaphthalene	8.975	142	42301	47.363	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	21936	49.012	ng		95
41) Hexachlorocyclopentadiene	9.022	237	25142	94.948	ng		96
43) 2,4,6-Trichlorophenol	9.151	196	15601	49.103	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	16267	49.863	ng		98
46) 1,1'-Biphenyl	9.339	154	56265	46.990	ng		99
47) 2-Chloronaphthalene	9.363	162	45160	47.643	ng		97
48) 2-Nitroaniline	9.457	65	14181	57.136	ng		89
49) Acenaphthylene	9.780	152	71142	48.668	ng		99
50) Dimethylphthalate	9.645	163	57993	52.505	ng		99
51) 2,6-Dinitrotoluene	9.704	165	12392	50.784	ng	#	86
52) Acenaphthene	9.951	154	42806	44.175	ng		94
53) 3-Nitroaniline	9.875	138	9718	37.855	ng		83
54) 2,4-Dinitrophenol	9.986	184	13970	99.006	ng		89
55) Dibenzofuran	10.127	168	66220	47.823	ng		99
56) 4-Nitrophenol	10.045	139	20577	101.501	ng		89
57) 2,4-Dinitrotoluene	10.110	165	17215	51.987	ng	#	98
58) Fluorene	10.469	166	51962	48.918	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.239	232	13842	53.725	ng	#	91
60) Diethylphthalate	10.339	149	62333	54.270	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	24991	48.668	ng		99
62) 4-Nitroaniline	10.498	138	13177	51.874	ng		91
63) Azobenzene	10.622	77	54878	54.007	ng		94
65) 4,6-Dinitro-2-methylph...	10.522	198	9060	46.162	ng		85
66) n-Nitrosodiphenylamine	10.580	169	45971	46.809	ng		94
67) 4-Bromophenyl-phenylether	10.951	248	16165	50.294	ng		96
68) Hexachlorobenzene	11.016	284	17631	52.818	ng	#	91
69) Atrazine	11.110	200	16211	54.291	ng		97
70) Pentachlorophenol	11.210	266	19691	94.864	ng		93
71) Phenanthrene	11.433	178	77865	47.770	ng		99
72) Anthracene	11.486	178	80784	49.575	ng		99
73) Carbazole	11.639	167	68869	45.087	ng		98
74) Di-n-butylphthalate	11.963	149	108546	53.352	ng		99
75) Fluoranthene	12.627	202	81508	49.002	ng		98
77) Benzidine	12.739	184	33155	60.999	ng		98
78) Pyrene	12.851	202	79872	52.343	ng		99
80) Butylbenzylphthalate	13.463	149	41515	56.802	ng		98
81) Benzo(a)anthracene	14.039	228	61710	48.978	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	16048	45.896	ng		98
83) Chrysene	14.074	228	59191	48.763	ng		97
84) Bis(2-ethylhexyl)phtha...	14.015	149	65334	60.689	ng		97
85) Di-n-octyl phthalate	14.633	149	94998	54.379	ng	#	97
87) Indeno(1,2,3-cd)pyrene	17.015	276	51935	56.641	ng		93
88) Benzo(b)fluoranthene	15.092	252	52255	46.731	ng		95
89) Benzo(k)fluoranthene	15.121	252	50515m	49.441	ng		
90) Benzo(a)pyrene	15.462	252	49148	52.615	ng		97
91) Dibenzo(a,h)anthracene	17.039	278	44126	54.973	ng		97
92) Benzo(g,h,i)perylene	17.474	276	42473	55.799	ng	#	88

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

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