Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072921\
Data File : BF124849.D
Acq On : 29 Jul 2021 13:46
Operator : JU/CG
Sample : PB138041BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138041BS

Manual Integrations APPROVED
mohammad
7/30/2021 12:00:46 PM

Quant Time: Jul 29 16:16:05 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	8306	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	33253	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	18727	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	34431	20.000	ng		0.00
76) Chrysene-d12	14.045	240	22721	20.000	ng		0.00
86) Perylene-d12	15.521	264	16986	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	60548	123.426	ng		0.03
7) Phenol-d6	6.516	99	76469	124.341	ng		0.02
23) Nitrobenzene-d5	7.445	82	42974	76.917	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	20019	124.504	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	89045	69.838	ng		0.00
79) Terphenyl-d14	12.992	244	87583	66.076	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.793	88	7224	42.128	ng	#	100
3) Pyridine	3.534	79	16245	40.019	ng		88
4) n-Nitrosodimethylamine	3.487	42	14534	45.275	ng	#	96
6) Aniline	6.539	93	26674	42.203	ng		94
8) 2-Chlorophenol	6.663	128	25843	46.707	ng		92
9) Benzaldehyde	6.428	77	11998	36.236	ng		93
10) Phenol	6.528	94	30596	51.952	ng		91
11) bis(2-Chloroethyl)ether	6.616	93	24123	51.660	ng		98
12) 1,3-Dichlorobenzene	6.816	146	26154	43.491	ng		99
13) 1,4-Dichlorobenzene	6.892	146	27495	45.702	ng		96
14) 1,2-Dichlorobenzene	7.045	146	25782	44.354	ng		94
15) Benzyl Alcohol	7.022	79	21010	51.951	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.145	45	38686	49.223	ng		94
17) 2-Methylphenol	7.128	107	20475	50.795	ng		98
18) Hexachloroethane	7.386	117	11432	50.134	ng		88
19) n-Nitroso-di-n-propyla...	7.292	70	17942	54.635	ng	#	89
20) 3+4-Methylphenols	7.281	107	25411	47.714	ng	#	83
22) Acetophenone	7.286	105	36866	47.841	ng	#	85
24) Nitrobenzene	7.463	77	27091	49.458	ng		97
25) Isophorone	7.698	82	47579	48.161	ng	#	91
26) 2-Nitrophenol	7.775	139	13606	44.847	ng	#	84
27) 2,4-Dimethylphenol	7.810	122	23440	50.211	ng		88
28) bis(2-Chloroethoxy)met...	7.904	93	30767	53.592	ng	#	95
29) 2,4-Dichlorophenol	8.016	162	21474	43.434	ng		95
30) 1,2,4-Trichlorobenzene	8.098	180	23909	44.122	ng		94
31) Naphthalene	8.180	128	76716	44.207	ng		98
32) Benzoic acid	7.957	122	14112	39.055	ng		94
33) 4-Chloroaniline	8.228	127	18041	27.647	ng		96
34) Hexachlorobutadiene	8.292	225	14620	45.135	ng		97
35) Caprolactam	8.616	113	6714m	52.248	ng		
36) 4-Chloro-3-methylphenol	8.716	107	23789	50.445	ng		93
37) 2-Methylnaphthalene	8.875	142	51631	44.528	ng		96
38) 1-Methylnaphthalene	8.975	142	47336	43.093	ng		98
40) 1,2,4,5-Tetrachloroben...	9.039	216	23716	45.389	ng	#	96
41) Hexachlorocyclopentadiene	9.022	237	31986	103.469	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	17126	46.171	ng		94

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.192	196	16854	44.252	ng		95
46)	1,1'-Biphenyl	9.339	154	61800	44.210	ng		99
47)	2-Chloronaphthalene	9.363	162	49150	44.415	ng		99
48)	2-Nitroaniline	9.463	65	15555	53.683	ng		93
49)	Acenaphthylene	9.780	152	75812	44.425	ng		100
50)	Dimethylphthalate	9.645	163	59698	46.296	ng	#	98
51)	2,6-Dinitrotoluene	9.704	165	12334	43.296	ng	#	86
52)	Acenaphthene	9.951	154	44592	39.417	ng		100
53)	3-Nitroaniline	9.874	138	9082	30.303	ng	#	80
54)	2,4-Dinitrophenol	9.986	184	13266	80.532	ng		91
55)	Dibenzofuran	10.127	168	70942	43.885	ng		97
56)	4-Nitrophenol	10.045	139	19245	81.315	ng		91
57)	2,4-Dinitrotoluene	10.110	165	17857	46.191	ng	#	96
58)	Fluorene	10.469	166	54633	44.055	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.245	232	13646	45.368	ng	#	93
60)	Diethylphthalate	10.339	149	62670	46.738	ng		100
61)	4-Chlorophenyl-phenyle...	10.457	204	26812	44.725	ng		99
62)	4-Nitroaniline	10.498	138	12414	41.861	ng		89
63)	Azobenzene	10.616	77	56689	47.787	ng		92
65)	4,6-Dinitro-2-methylph...	10.521	198	8366	37.519	ng		90
66)	n-Nitrosodiphenylamine	10.580	169	47117	42.228	ng		95
67)	4-Bromophenyl-phenylether	10.951	248	16916	46.325	ng		94
68)	Hexachlorobenzene	11.016	284	17609	46.432	ng	#	90
69)	Atrazine	11.110	200	15450	45.544	ng		93
70)	Pentachlorophenol	11.210	266	19929	84.508	ng		92
71)	Phenanthrene	11.433	178	78560	42.422	ng		98
72)	Anthracene	11.486	178	82589	44.611	ng		97
73)	Carbazole	11.639	167	68742	39.612	ng		99
74)	Di-n-butylphthalate	11.963	149	100891	43.648	ng		99
75)	Fluoranthene	12.621	202	79055	41.834	ng		98
77)	Benzidine	12.739	184	36654	57.208	ng		97
78)	Pyrene	12.851	202	80318	44.652	ng		98
80)	Butylbenzylphthalate	13.462	149	39509	45.859	ng		97
81)	Benzo(a)anthracene	14.039	228	63946	43.056	ng		100
82)	3,3'-Dichlorobenzidine	13.998	252	16108	39.080	ng		98
83)	Chrysene	14.074	228	61406	42.915	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.015	149	57962	45.675	ng		98
85)	Di-n-octyl phthalate	14.627	149	89778	43.597	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.021	276	45089	45.979	ng		94
88)	Benzo(b)fluoranthene	15.092	252	52166	43.619	ng		97
89)	Benzo(k)fluoranthene	15.121	252	49318	45.132	ng		99
90)	Benzo(a)pyrene	15.462	252	46236	46.281	ng		97
91)	Dibenzo(a,h)anthracene	17.033	278	38758	45.147	ng	#	95
92)	Benzo(g,h,i)perylene	17.468	276	36717	45.102	ng	#	88

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

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