Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102621\
Data File : BF125926.D
Acq On : 26 Oct 2021 10:22
Operator : JU/CG
Sample : PB140208BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB140208BS

Manual Integrations APPROVED
mohammad
10/27/2021 11:48:43 AM

Quant Time: Oct 26 12:00:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 25 18:49:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	159348	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	630504	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	338823	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	572165	20.000	ng	0.00
76) Chrysene-d12	14.027	240	264881	20.000	ng	0.00
86) Perylene-d12	15.492	264	255020	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1149334	107.435	ng	0.00
7) Phenol-d6	6.498	99	1413626	96.342	ng	0.00
23) Nitrobenzene-d5	7.434	82	976287	79.981	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	325863	110.325	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1479368	77.213	ng	0.00
79) Terphenyl-d14	12.980	244	1371451	84.692	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	163108	31.203	ng	# 100
3) Pyridine	3.440	79	400826	28.959	ng	# 84
4) n-Nitrosodimethylamine	3.369	42	361243	40.692	ng	# 74
6) Aniline	6.534	93	732525	42.384	ng	# 90
8) 2-Chlorophenol	6.651	128	455250	42.161	ng	# 76
9) Benzaldehyde	6.416	77	327460	37.296	ng	91
10) Phenol	6.510	94	560361m	39.608	ng	
11) bis(2-Chloroethyl)ether	6.604	93	478806	42.025	ng	# 75
12) 1,3-Dichlorobenzene	6.810	146	478056	40.078	ng	# 93
13) 1,4-Dichlorobenzene	6.886	146	481471	40.351	ng	93
14) 1,2-Dichlorobenzene	7.039	146	462141	39.956	ng	95
15) Benzyl Alcohol	7.010	79	445229	40.082	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	1155058	41.396	ng	96
17) 2-Methylphenol	7.116	107	390231	41.840	ng	95
18) Hexachloroethane	7.386	117	194817	43.063	ng	91
19) n-Nitroso-di-n-propyla...	7.286	70	339608	40.511	ng	# 95
20) 3+4-Methylphenols	7.269	107	438517	36.781	ng	93
22) Acetophenone	7.281	105	634612	38.984	ng	# 83
24) Nitrobenzene	7.451	77	541290	42.949	ng	# 85
25) Isophorone	7.698	82	961653	41.370	ng	# 88
26) 2-Nitrophenol	7.769	139	201062	49.204	ng	# 74
27) 2,4-Dimethylphenol	7.804	122	399872	44.069	ng	87
28) bis(2-Chloroethoxy)met...	7.904	93	556010	38.125	ng	# 97
29) 2,4-Dichlorophenol	8.004	162	356650	40.097	ng	88
30) 1,2,4-Trichlorobenzene	8.092	180	409032	39.208	ng	98
31) Naphthalene	8.175	128	1259877	39.298	ng	99
32) Benzoic acid	7.916	122	268693	41.217	ng	# 82
33) 4-Chloroaniline	8.222	127	510397	38.633	ng	# 90
34) Hexachlorobutadiene	8.298	225	254907	38.879	ng	99
35) Caprolactam	8.586	113	121655m	41.781	ng	
36) 4-Chloro-3-methylphenol	8.698	107	415579	39.923	ng	89
37) 2-Methylnaphthalene	8.869	142	836915	40.556	ng	92
38) 1-Methylnaphthalene	8.963	142	772185	38.771	ng	92
40) 1,2,4,5-Tetrachloroben...	9.033	216	354690	38.001	ng	97
41) Hexachlorocyclopentadiene	9.022	237	480401	95.296	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	262947	41.278	ng	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	269804	40.145	ng		96
46) 1,1'-Biphenyl	9.333	154	962765	38.795	ng		99
47) 2-Chloronaphthalene	9.357	162	745259	39.831	ng		96
48) 2-Nitroaniline	9.445	65	310061	46.395	ng	#	70
49) Acenaphthylene	9.769	152	1135822	40.186	ng		97
50) Dimethylphthalate	9.633	163	835191	39.794	ng		97
51) 2,6-Dinitrotoluene	9.686	165	192690	46.547	ng	#	62
52) Acenaphthene	9.945	154	780141	42.473	ng		99
53) 3-Nitroaniline	9.857	138	187918	39.598	ng	#	69
54) 2,4-Dinitrophenol	9.957	184	149241	85.417	ng	#	72
55) Dibenzofuran	10.116	168	1037130	37.803	ng		98
56) 4-Nitrophenol	10.010	139	303665	82.343	ng	#	52
57) 2,4-Dinitrotoluene	10.092	165	250484	49.262	ng	#	97
58) Fluorene	10.457	166	738875	42.501	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	220134	40.128	ng	#	90
60) Diethylphthalate	10.333	149	852081	39.801	ng		98
61) 4-Chlorophenyl-phenyle...	10.451	204	356058	35.268	ng		89
62) 4-Nitroaniline	10.469	138	181737	41.737	ng		92
63) Azobenzene	10.610	77	980263	39.700	ng		95
65) 4,6-Dinitro-2-methylph...	10.492	198	102608	41.743	ng	#	84
66) n-Nitrosodiphenylamine	10.569	169	705843	41.187	ng		97
67) 4-Bromophenyl-phenylether	10.939	248	248346	40.631	ng		95
68) Hexachlorobenzene	11.004	284	261421	40.570	ng	#	90
69) Atrazine	11.092	200	236326	43.541	ng		92
70) Pentachlorophenol	11.192	266	288016	79.173	ng		95
71) Phenanthrene	11.416	178	1180440	39.760	ng		96
72) Anthracene	11.469	178	1202479	40.566	ng		98
73) Carbazole	11.621	167	1054593	37.425	ng		97
74) Di-n-butylphthalate	11.957	149	1187029	39.540	ng		99
75) Fluoranthene	12.604	202	1124957	37.587	ng		98
77) Benzidine	12.727	184	807531	97.736	ng		99
78) Pyrene	12.833	202	1150002	46.653	ng		97
80) Butylbenzylphthalate	13.457	149	375547	46.835	ng		89
81) Benzo(a)anthracene	14.015	228	748123	41.964	ng		99
82) 3,3'-Dichlorobenzidine	13.980	252	252895	44.738	ng		97
83) Chrysene	14.057	228	774329	42.929	ng		97
84) Bis(2-ethylhexyl)phtha...	14.021	149	406475	46.791	ng		98
85) Di-n-octyl phthalate	14.633	149	697932	51.860	ng	#	92
87) Indeno(1,2,3-cd)pyrene	16.962	276	961974	52.361	ng	#	91
88) Benzo(b)fluoranthene	15.068	252	755147	44.861	ng	#	96
89) Benzo(k)fluoranthene	15.098	252	648333	40.098	ng		98
90) Benzo(a)pyrene	15.439	252	701254	51.604	ng	#	96
91) Dibenzo(a,h)anthracene	16.986	278	803797	54.006	ng	#	94
92) Benzo(g,h,i)perylene	17.409	276	847274	54.486	ng	#	90

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

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