Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082721\
Data File : BF125252.D
Acq On : 27 Aug 2021 13:55
Operator : JU/CG
Sample : PB138750BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138750BS

Manual Integrations APPROVED
mohammad
8/30/2021 10:34:20 AM

Quant Time: Aug 27 15:19:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 24 12:39:21 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	184494	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	692730	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	345258	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	600513	20.000	ng	0.00
76) Chrysene-d12	14.080	240	417125	20.000	ng	0.00
86) Perylene-d12	15.580	264	417956	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1376790	112.953	ng	0.01
7) Phenol-d6	6.545	99	1670727	105.981	ng	0.00
23) Nitrobenzene-d5	7.481	82	1109030	80.599	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	469286	136.166	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	1887968	76.213	ng	0.00
79) Terphenyl-d14	13.021	244	2015719	76.985	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.787	88	219792	36.543	ng	# 100
3) Pyridine	3.540	79	500458	31.519	ng	# 90
4) n-Nitrosodimethylamine	3.498	42	310949	39.136	ng	# 31
6) Aniline	6.575	93	764661	41.294	ng	# 94
8) 2-Chlorophenol	6.698	128	532418	42.818	ng	82
9) Benzaldehyde	6.469	77	417654	37.751	ng	93
10) Phenol	6.557	94	702617	42.560	ng	98
11) bis(2-Chloroethyl)ether	6.651	93	564682	43.431	ng	89
12) 1,3-Dichlorobenzene	6.857	146	594990	41.293	ng	97
13) 1,4-Dichlorobenzene	6.934	146	608892	42.409	ng	97
14) 1,2-Dichlorobenzene	7.087	146	583680	43.211	ng	99
15) Benzyl Alcohol	7.057	79	475760	39.197	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.186	45	1051368	40.321	ng	95
17) 2-Methylphenol	7.163	107	451758	43.249	ng	95
18) Hexachloroethane	7.428	117	219937	43.746	ng	# 89
19) n-Nitroso-di-n-propyla...	7.328	70	383465	40.441	ng	# 76
20) 3+4-Methylphenols	7.316	107	515744	39.334	ng	# 85
22) Acetophenone	7.322	105	746630	41.879	ng	# 91
24) Nitrobenzene	7.498	77	608618	40.593	ng	90
25) Isophorone	7.734	82	1057444	39.836	ng	# 88
26) 2-Nitrophenol	7.810	139	280698	46.886	ng	# 80
27) 2,4-Dimethylphenol	7.845	122	452037	43.129	ng	89
28) bis(2-Chloroethoxy)met...	7.945	93	661370	44.999	ng	# 97
29) 2,4-Dichlorophenol	8.051	162	440833	41.242	ng	95
30) 1,2,4-Trichlorobenzene	8.139	180	488975	41.951	ng	94
31) Naphthalene	8.222	128	1422224	40.088	ng	99
32) Benzoic acid	7.963	122	297007	41.751	ng	86
33) 4-Chloroaniline	8.263	127	454914	32.526	ng	# 90
34) Hexachlorobutadiene	8.333	225	312054	41.987	ng	98
35) Caprolactam	8.633	113	129890m	46.916	ng	
36) 4-Chloro-3-methylphenol	8.745	107	453979	41.604	ng	95
37) 2-Methylnaphthalene	8.910	142	969687	41.363	ng	97
38) 1-Methylnaphthalene	9.010	142	875550	39.994	ng	95
40) 1,2,4,5-Tetrachloroben...	9.075	216	480796	42.623	ng	98
41) Hexachlorocyclopentadiene	9.063	237	552461	93.220	ng	98
43) 2,4,6-Trichlorophenol	9.186	196	325991	41.044	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.222	196	344033	41.171	ng		94
46)	1,1'-Biphenyl	9.375	154	1096368	39.388	ng		98
47)	2-Chloronaphthalene	9.398	162	914277	40.419	ng		97
48)	2-Nitroaniline	9.492	65	308116	43.943	ng		84
49)	Acenaphthylene	9.816	152	1352947	41.047	ng		98
50)	Dimethylphthalate	9.675	163	1023616	42.782	ng	#	98
51)	2,6-Dinitrotoluene	9.733	165	228878	44.117	ng	#	87
52)	Acenaphthene	9.986	154	821678	40.212	ng		98
53)	3-Nitroaniline	9.904	138	198311	35.446	ng		84
54)	2,4-Dinitrophenol	10.010	184	239313	116.779	ng	#	82
55)	Dibenzofuran	10.157	168	1151964	39.173	ng		97
56)	4-Nitrophenol	10.063	139	364682	82.312	ng	#	76
57)	2,4-Dinitrotoluene	10.139	165	297329	47.353	ng	#	93
58)	Fluorene	10.504	166	890078	40.940	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.275	232	272089	43.877	ng	#	84
60)	Diethylphthalate	10.369	149	994836	42.651	ng		98
61)	4-Chlorophenyl-phenyle...	10.492	204	469772	42.736	ng	#	85
62)	4-Nitroaniline	10.522	138	228577	45.433	ng	#	77
63)	Azobenzene	10.651	77	1020849	39.019	ng		91
65)	4,6-Dinitro-2-methylph...	10.545	198	153526	48.305	ng		87
66)	n-Nitrosodiphenylamine	10.610	169	856563	39.836	ng		97
67)	4-Bromophenyl-phenylether	10.980	248	311401	43.184	ng		95
68)	Hexachlorobenzene	11.051	284	326535	44.017	ng	#	81
69)	Atrazine	11.133	200	287611	46.613	ng		93
70)	Pentachlorophenol	11.245	266	368427	85.057	ng		93
71)	Phenanthrene	11.463	178	1321370	39.934	ng		98
72)	Anthracene	11.516	178	1350471	41.408	ng		99
73)	Carbazole	11.669	167	1160168	38.927	ng		99
74)	Di-n-butylphthalate	11.998	149	1511306	42.732	ng		99
75)	Fluoranthene	12.651	202	1358698	41.383	ng		95
77)	Benzidine	12.774	184	910542	62.503	ng		98
78)	Pyrene	12.886	202	1384086	38.682	ng		97
80)	Butylbenzylphthalate	13.498	149	617329	43.908	ng		93
81)	Benzo(a)anthracene	14.074	228	1250031	41.592	ng		99
82)	3,3'-Dichlorobenzidine	14.033	252	401747	43.123	ng	#	97
83)	Chrysene	14.110	228	1220726	41.071	ng		97
84)	Bis(2-ethylhexyl)phtha...	14.051	149	873086	45.182	ng		99
85)	Di-n-octyl phthalate	14.668	149	1477114	45.960	ng		97
87)	Indeno(1,2,3-cd)pyrene	17.098	276	1417783	47.086	ng	#	90
88)	Benzo(b)fluoranthene	15.139	252	1280416	41.933	ng	#	95
89)	Benzo(k)fluoranthene	15.168	252	1200428	42.130	ng		99
90)	Benzo(a)pyrene	15.515	252	1219751	45.222	ng	#	96
91)	Dibenzo(a,h)anthracene	17.115	278	1185026	45.530	ng	#	95
92)	Benzo(g,h,i)perylene	17.562	276	1225456	48.831	ng	#	87

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

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