Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071921\
Data File : BF124614.D
Acq On : 19 Jul 2021 15:17
Operator : JU/CG
Sample : PB137770BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB137770BS

Manual Integrations APPROVED
mohammad
7/20/2021 11:37:51 AM

Quant Time: Jul 19 15:49:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 19 11:33:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.916	152	10970	20.00	ng		0.00
21) Naphthalene-d8	8.204	136	44193	20.00	ng		0.00
39) Acenaphthene-d10	9.963	164	24493	20.00	ng		0.00
64) Phenanthrene-d10	11.451	188	43520	20.00	ng		0.00
76) Chrysene-d12	14.092	240	27433	20.00	ng		0.00
86) Perylene-d12	15.580	264	19357	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	83902	132.51	ng		0.03
7) Phenol-d6	6.551	99	97525	126.62	ng		0.00
23) Nitrobenzene-d5	7.486	82	63832	91.18	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	26326	138.12	ng		0.00
45) 2-Fluorobiphenyl	9.280	172	142507	84.84	ng		0.00
79) Terphenyl-d14	13.039	244	141743	86.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.957	88	9490	44.89	ng	#	100
3) Pyridine	3.669	79	20404	38.41	ng		95
4) n-Nitrosodimethylamine	3.640	42	21044	48.74	ng	#	100
6) Aniline	6.581	93	30903	38.08	ng		96
8) 2-Chlorophenol	6.704	128	35082	49.42	ng		96
9) Benzaldehyde	6.463	77	3244	7.18	ng		89
10) Phenol	6.563	94	37930	50.44	ng		97
11) bis(2-Chloroethyl)ether	6.657	93	29682	50.91	ng		99
12) 1,3-Dichlorobenzene	6.857	146	37337	48.06	ng		98
13) 1,4-Dichlorobenzene	6.933	146	38253	48.21	ng		98
14) 1,2-Dichlorobenzene	7.086	146	35508	47.08	ng		99
15) Benzyl Alcohol	7.063	79	25411	47.68	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.192	45	51249	51.00	ng		97
17) 2-Methylphenol	7.169	107	26790	51.56	ng		97
18) Hexachloroethane	7.433	117	14769	49.42	ng	#	89
19) n-Nitroso-di-n-propyla...	7.339	70	21313	49.22	ng		96
20) 3+4-Methylphenols	7.328	107	33567	49.07	ng		91
22) Acetophenone	7.333	105	47614	47.47	ng		97
24) Nitrobenzene	7.504	77	31302	45.09	ng		97
25) Isophorone	7.745	82	56712	44.13	ng		97
26) 2-Nitrophenol	7.816	139	19028	50.81	ng		93
27) 2,4-Dimethylphenol	7.851	122	32977	53.15	ng		95
28) bis(2-Chloroethoxy)met...	7.951	93	37119	49.52	ng		99
29) 2,4-Dichlorophenol	8.057	162	30200	47.19	ng		99
30) 1,2,4-Trichlorobenzene	8.139	180	31645	44.68	ng		97
31) Naphthalene	8.227	128	101960	44.61	ng		98
32) Benzoic acid	8.004	122	24091m	50.77	ng		
33) 4-Chloroaniline	8.269	127	19102	22.12	ng		98
34) Hexachlorobutadiene	8.339	225	18802	47.03	ng		97
35) Caprolactam	8.669	113	9341m	57.70	ng		
36) 4-Chloro-3-methylphenol	8.757	107	29544	46.68	ng		97
37) 2-Methylnaphthalene	8.916	142	71583	46.41	ng		99
38) 1-Methylnaphthalene	9.016	142	64381	44.45	ng		98
40) 1,2,4,5-Tetrachloroben...	9.080	216	30680	46.96	ng		97
41) Hexachlorocyclopentadiene	9.069	237	39735	97.37	ng		98
43) 2,4,6-Trichlorophenol	9.192	196	23060	48.90	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.245	196	22374	46.00	ng		96
46)	1,1'-Biphenyl	9.386	154	85088	45.74	ng		98
47)	2-Chloronaphthalene	9.410	162	64928	44.52	ng		99
48)	2-Nitroaniline	9.504	65	17929	51.12	ng		99
49)	Acenaphthylene	9.827	152	104281	45.82	ng		98
50)	Dimethylphthalate	9.692	163	81348	47.74	ng		99
51)	2,6-Dinitrotoluene	9.751	165	17277	51.43	ng		99
52)	Acenaphthene	9.998	154	64198	44.11	ng		95
53)	3-Nitroaniline	9.916	138	11362	30.31	ng		90
54)	2,4-Dinitrophenol	10.027	184	19662	112.17	ng		83
55)	Dibenzofuran	10.174	168	94974	44.39	ng		98
56)	4-Nitrophenol	10.086	139	29851	95.68	ng		97
57)	2,4-Dinitrotoluene	10.157	165	23631	51.38	ng	#	89
58)	Fluorene	10.516	166	71724	43.34	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.286	232	17833	47.47	ng	#	97
60)	Diethylphthalate	10.392	149	82515	46.31	ng		98
61)	4-Chlorophenyl-phenyle...	10.504	204	34140	45.44	ng		94
62)	4-Nitroaniline	10.545	138	17146	45.38	ng		91
63)	Azobenzene	10.663	77	68387	43.91	ng		98
65)	4,6-Dinitro-2-methylph...	10.563	198	11760	47.30	ng		96
66)	n-Nitrosodiphenylamine	10.627	169	63364	44.71	ng		98
67)	4-Bromophenyl-phenylether	10.998	248	21035	46.74	ng		97
68)	Hexachlorobenzene	11.057	284	21739	47.15	ng		95
69)	Atrazine	11.157	200	19730	45.46	ng		91
70)	Pentachlorophenol	11.257	266	27600	94.64	ng		94
71)	Phenanthrene	11.480	178	103561	43.62	ng		98
72)	Anthracene	11.533	178	106357	44.65	ng		99
73)	Carbazole	11.680	167	96675	43.92	ng		99
74)	Di-n-butylphthalate	12.010	149	133706	45.10	ng		99
75)	Fluoranthene	12.668	202	105137	43.89	ng		97
77)	Benzidine	12.780	184	28019	27.32	ng		97
78)	Pyrene	12.898	202	103277	45.31	ng		98
80)	Butylbenzylphthalate	13.510	149	50895	46.18	ng		98
81)	Benzo(a)anthracene	14.080	228	79304	43.59	ng		99
82)	3,3'-Dichlorobenzidine	14.045	252	20556	43.13	ng		97
83)	Chrysene	14.121	228	76891	44.12	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.068	149	70694	47.78	ng		100
85)	Di-n-octyl phthalate	14.680	149	105062	49.07	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.092	276	62279	55.48	ng		96
88)	Benzo(b)fluoranthene	15.145	252	66325	47.74	ng		98
89)	Benzo(k)fluoranthene	15.180	252	62589	49.10	ng		97
90)	Benzo(a)pyrene	15.521	252	59061	51.50	ng		99
91)	Dibenzo(a,h)anthracene	17.121	278	52241	54.67	ng		98
92)	Benzo(g,h,i)perylene	17.562	276	51749	55.47	ng		94

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

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