Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030321\
Data File : BF123356.D
Acq On : 3 Mar 2021 15:08
Operator : JU/CG
Sample : PB134924BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB134924BSD

Manual Integrations APPROVED
mohammad
3/4/2021 11:32:35 AM

Quant Time: Mar 03 16:20:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 03 13:18:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	122997	20.00	ng		# 0.00
21) Naphthalene-d8	8.128	136	517088	20.00	ng		# 0.00
39) Acenaphthene-d10	9.886	164	268615	20.00	ng		0.00
64) Phenanthrene-d10	11.380	188	487993	20.00	ng		0.00
76) Chrysene-d12	14.033	240	373987	20.00	ng		# 0.00
86) Perylene-d12	15.504	264	344187	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	1052913	123.22	ng		0.01
7) Phenol-d6	6.487	99	1401775	120.75	ng		0.00
23) Nitrobenzene-d5	7.410	82	811782	71.86	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	319458	116.80	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	1276504	68.26	ng		0.00
79) Terphenyl-d14	12.969	244	1306083	67.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	186371	37.79	ng		88
3) Pyridine	3.440	79	521277	43.38	ng		92
4) n-Nitrosodimethylamine	3.399	42	257806	46.40	ng		83
6) Aniline	6.510	93	504325	36.78	ng	#	91
8) 2-Chlorophenol	6.634	128	454723	49.53	ng		90
9) Benzaldehyde	6.392	77	171010	25.71	ng		91
10) Phenol	6.498	94	611365	48.32	ng		87
11) bis(2-Chloroethyl)ether	6.581	93	468387	51.62	ng		94
12) 1,3-Dichlorobenzene	6.787	146	471803	49.41	ng	#	94
13) 1,4-Dichlorobenzene	6.863	146	475755	48.89	ng		96
14) 1,2-Dichlorobenzene	7.016	146	455581	50.32	ng		96
15) Benzyl Alcohol	6.992	79	456505	50.44	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.116	45	643305	51.68	ng		91
17) 2-Methylphenol	7.104	107	393977	51.02	ng	#	93
18) Hexachloroethane	7.357	117	187828	53.43	ng		95
19) n-Nitroso-di-n-propyla...	7.263	70	360126	52.14	ng		95
20) 3+4-Methylphenols	7.257	107	487252	48.05	ng	#	88
22) Acetophenone	7.257	105	660567	49.25	ng	#	89
24) Nitrobenzene	7.428	77	565466	47.48	ng		88
25) Isophorone	7.669	82	1006683	47.66	ng		95
26) 2-Nitrophenol	7.745	139	247787	49.66	ng	#	86
27) 2,4-Dimethylphenol	7.787	122	394684	51.10	ng		92
28) bis(2-Chloroethoxy)met...	7.875	93	604136	54.65	ng		99
29) 2,4-Dichlorophenol	7.992	162	379945	47.65	ng		96
30) 1,2,4-Trichlorobenzene	8.069	180	406891	46.93	ng		98
31) Naphthalene	8.151	128	1310443	46.24	ng		99
32) Benzoic acid	7.939	122	281836	49.47	ng		88
33) 4-Chloroaniline	8.198	127	309840	26.87	ng	#	91
34) Hexachlorobutadiene	8.269	225	222771	45.55	ng		97
35) Caprolactam	8.581	113	128817m	48.14	ng		
36) 4-Chloro-3-methylphenol	8.692	107	468890	49.47	ng		89
37) 2-Methylnaphthalene	8.845	142	881728	46.71	ng		97
38) 1-Methylnaphthalene	8.945	142	825827	46.77	ng		99
40) 1,2,4,5-Tetrachloroben...	9.010	216	376953	46.96	ng	#	97
41) Hexachlorocyclopentadiene	8.998	237	373143	99.23	ng		99
43) 2,4,6-Trichlorophenol	9.128	196	261318	45.91	ng		92

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.169	196	276949	45.46	ng	#	89
46)	1,1'-Biphenyl	9.310	154	1069496	48.00	ng		98
47)	2-Chloronaphthalene	9.333	162	818589	46.56	ng		97
48)	2-Nitroaniline	9.433	65	320813	50.93	ng	#	75
49)	Acenaphthylene	9.751	152	1243931	46.65	ng		99
50)	Dimethylphthalate	9.616	163	979478	48.76	ng		100
51)	2,6-Dinitrotoluene	9.675	165	221667	47.88	ng	#	67
52)	Acenaphthene	9.928	154	780857	42.46	ng		98
53)	3-Nitroaniline	9.845	138	157601	30.67	ng	#	78
54)	2,4-Dinitrophenol	9.957	184	254084	104.48	ng	#	77
55)	Dibenzofuran	10.098	168	1116589	44.85	ng		95
56)	4-Nitrophenol	10.022	139	359739	87.86	ng	#	64
57)	2,4-Dinitrotoluene	10.086	165	298172	47.90	ng	#	85
58)	Fluorene	10.439	166	903937	46.14	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.216	232	228393	46.99	ng	#	84
60)	Diethylphthalate	10.316	149	962087	48.37	ng		99
61)	4-Chlorophenyl-phenyle...	10.433	204	434093	46.54	ng		99
62)	4-Nitroaniline	10.469	138	233784	45.20	ng		88
63)	Azobenzene	10.592	77	1074403	46.88	ng		94
65)	4,6-Dinitro-2-methylph...	10.498	198	169819	51.70	ng		88
66)	n-Nitrosodiphenylamine	10.551	169	792077	46.94	ng		100
67)	4-Bromophenyl-phenylether	10.922	248	252508	47.46	ng	#	89
68)	Hexachlorobenzene	10.992	284	268162	47.85	ng	#	91
69)	Atrazine	11.080	200	227115	42.59	ng		97
70)	Pentachlorophenol	11.192	266	324802	91.79	ng		99
71)	Phenanthrene	11.410	178	1335236	46.27	ng		99
72)	Anthracene	11.463	178	1380485	47.94	ng		99
73)	Carbazole	11.616	167	1206636	44.50	ng		99
74)	Di-n-butylphthalate	11.945	149	1469931	48.49	ng		99
75)	Fluoranthene	12.598	202	1400984	45.80	ng		99
77)	Benzidine	12.721	184	578715	47.91	ng		100
78)	Pyrene	12.833	202	1409191	48.26	ng		99
80)	Butylbenzylphthalate	13.445	149	620049	50.24	ng		87
81)	Benzo(a)anthracene	14.021	228	1186495	46.68	ng		98
82)	3,3'-Dichlorobenzidine	13.986	252	303155	35.88	ng		98
83)	Chrysene	14.063	228	1140797	45.70	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.010	149	838512	49.35	ng		99
85)	Di-n-octyl phthalate	14.621	149	1402281	48.31	ng		96
87)	Indeno(1,2,3-cd)pyrene	16.992	276	1116206	46.93	ng		97
88)	Benzo(b)fluoranthene	15.080	252	1164756	48.18	ng		98
89)	Benzo(k)fluoranthene	15.110	252	1071709	48.90	ng		100
90)	Benzo(a)pyrene	15.445	252	1010685	46.89	ng		99
91)	Dibenzo(a,h)anthracene	17.009	278	927377	45.44	ng		99
92)	Benzo(g,h,i)perylene	17.439	276	895624	47.65	ng		97

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

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