Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030221\
Data File : BF123335.D
Acq On : 2 Mar 2021 14:30
Operator : JU/CG
Sample : PB134901BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB134901BS

Manual Integrations APPROVED
mohammad
3/3/2021 11:01:35 AM

Quant Time: Mar 02 15:06:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 16:08:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	124080	20.00	ng		0.00
21) Naphthalene-d8	8.139	136	511033	20.00	ng		0.00
39) Acenaphthene-d10	9.898	164	268757	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	513188	20.00	ng		0.00
76) Chrysene-d12	14.045	240	410272	20.00	ng		0.00
86) Perylene-d12	15.515	264	383000	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	722584	83.82	ng		0.01
7) Phenol-d6	6.492	99	949786	81.10	ng		0.00
23) Nitrobenzene-d5	7.416	82	792967	71.03	ng		-0.01
42) 2,4,6-Tribromophenol	10.692	330	216688	79.18	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	1260593	67.38	ng		0.00
79) Terphenyl-d14	12.980	244	1400930	65.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.693	88	164067	32.98	ng		89
3) Pyridine	3.434	79	451430	37.24	ng		92
4) n-Nitrosodimethylamine	3.393	42	221297	39.48	ng		83
6) Aniline	6.516	93	455594	32.94	ng	#	90
8) 2-Chlorophenol	6.639	128	405268	43.76	ng		89
9) Benzaldehyde	6.398	77	161749	23.65	ng		88
10) Phenol	6.504	94	545427	42.74	ng		94
11) bis(2-Chloroethyl)ether	6.586	93	414929	45.33	ng		95
12) 1,3-Dichlorobenzene	6.792	146	417537	43.34	ng	#	92
13) 1,4-Dichlorobenzene	6.869	146	427781	43.57	ng	#	94
14) 1,2-Dichlorobenzene	7.022	146	405044m	44.35	ng		
15) Benzyl Alcohol	6.998	79	399869	43.79	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.128	45	574069	45.72	ng		95
17) 2-Methylphenol	7.110	107	344522	44.23	ng		93
18) Hexachloroethane	7.363	117	167822	47.32	ng		92
19) n-Nitroso-di-n-propyla...	7.269	70	316846	45.48	ng		94
20) 3+4-Methylphenols	7.263	107	427329	41.78	ng	#	80
22) Acetophenone	7.263	105	584868	44.12	ng	#	90
24) Nitrobenzene	7.439	77	499603	42.45	ng		93
25) Isophorone	7.675	82	870530	41.70	ng		95
26) 2-Nitrophenol	7.751	139	219343	44.48	ng	#	86
27) 2,4-Dimethylphenol	7.792	122	344097	45.08	ng		92
28) bis(2-Chloroethoxy)met...	7.886	93	530988	48.60	ng		99
29) 2,4-Dichlorophenol	7.998	162	332037	42.13	ng		93
30) 1,2,4-Trichlorobenzene	8.080	180	358063	41.79	ng		98
31) Naphthalene	8.157	128	1160209	41.43	ng		99
32) Benzoic acid	7.939	122	252498	44.85	ng		90
33) 4-Chloroaniline	8.210	127	260499	22.86	ng	#	94
34) Hexachlorobutadiene	8.275	225	198659	41.10	ng		99
35) Caprolactam	8.586	113	117713m	44.51	ng		
36) 4-Chloro-3-methylphenol	8.698	107	410246	43.79	ng		89
37) 2-Methylnaphthalene	8.851	142	783769	42.01	ng		98
38) 1-Methylnaphthalene	8.951	142	733337	42.03	ng		100
40) 1,2,4,5-Tetrachloroben...	9.022	216	336083	41.85	ng	#	97
41) Hexachlorocyclopentadiene	9.010	237	332124	88.27	ng		99
43) 2,4,6-Trichlorophenol	9.133	196	230144	40.41	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	248548	40.78	ng	#	91
46) 1,1'-Biphenyl	9.316	154	951425	42.67	ng		99
47) 2-Chloronaphthalene	9.345	162	722834	41.09	ng		99
48) 2-Nitroaniline	9.439	65	289252	45.89	ng	#	75
49) Acenaphthylene	9.763	152	1105552	41.44	ng		99
50) Dimethylphthalate	9.622	163	879397	43.76	ng		100
51) 2,6-Dinitrotoluene	9.686	165	196906	42.51	ng	#	85
52) Acenaphthene	9.933	154	854281m	46.43	ng		
53) 3-Nitroaniline	9.851	138	144053	28.02	ng	#	74
54) 2,4-Dinitrophenol	9.969	184	225031	92.49	ng		91
55) Dibenzofuran	10.104	168	1005026	40.35	ng		94
56) 4-Nitrophenol	10.027	139	319441	77.97	ng	#	63
57) 2,4-Dinitrotoluene	10.092	165	268227	43.06	ng	#	87
58) Fluorene	10.451	166	819742	41.82	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	207203	42.61	ng	#	83
60) Diethylphthalate	10.321	149	874328	43.93	ng		98
61) 4-Chlorophenyl-phenyle...	10.439	204	387846	41.56	ng		95
62) 4-Nitroaniline	10.474	138	215625	41.67	ng		86
63) Azobenzene	10.598	77	978277	42.66	ng		93
65) 4,6-Dinitro-2-methylph...	10.504	198	153531	44.44	ng		86
66) n-Nitrosodiphenylamine	10.563	169	719257	40.53	ng		100
67) 4-Bromophenyl-phenylether	10.933	248	232621	41.58	ng		97
68) Hexachlorobenzene	11.004	284	243274	41.28	ng		96
69) Atrazine	11.092	200	211009	37.63	ng		97
70) Pentachlorophenol	11.198	266	290535	78.07	ng		98
71) Phenanthrene	11.416	178	1240787	40.89	ng		99
72) Anthracene	11.468	178	1274724	42.10	ng		99
73) Carbazole	11.621	167	1142211	40.05	ng		98
74) Di-n-butylphthalate	11.951	149	1418322	44.49	ng		99
75) Fluoranthene	12.610	202	1344990	41.81	ng		99
77) Benzidine	12.733	184	491012	37.05	ng		99
78) Pyrene	12.839	202	1354234	42.28	ng		99
80) Butylbenzylphthalate	13.457	149	623438	46.04	ng		91
81) Benzo(a)anthracene	14.033	228	1152538	41.34	ng		98
82) 3,3'-Dichlorobenzidine	13.998	252	316429	34.14	ng		99
83) Chrysene	14.074	228	1134753	41.44	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	892962	47.91	ng		99
85) Di-n-octyl phthalate	14.633	149	1491593	46.84	ng	#	95
87) Indeno(1,2,3-cd)pyrene	17.009	276	1128059	42.62	ng		97
88) Benzo(b)fluoranthene	15.092	252	1143591	42.51	ng		99
89) Benzo(k)fluoranthene	15.121	252	1078501	44.22	ng		100
90) Benzo(a)pyrene	15.462	252	995863	41.52	ng		99
91) Dibenzo(a,h)anthracene	17.027	278	942572	41.51	ng		97
92) Benzo(g,h,i)perylene	17.462	276	893344	42.71	ng		98

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

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