Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030121\
Data File : BF123321.D
Acq On : 1 Mar 2021 11:05
Operator : JU/CG
Sample : PB134844BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB134844BS

Manual Integrations APPROVED
mohammad
3/2/2021 9:42:50 AM

Quant Time: Mar 01 12:00:03 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	144173	20.00	ng		0.00
21) Naphthalene-d8	8.139	136	583973	20.00	ng		0.00
39) Acenaphthene-d10	9.898	164	299292	20.00	ng		0.00
64) Phenanthrene-d10	11.386	188	560602	20.00	ng		0.00
76) Chrysene-d12	14.045	240	444122	20.00	ng		0.00
86) Perylene-d12	15.509	264	401026	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	1273726	127.17	ng		0.01
7) Phenol-d6	6.498	99	1637463	120.34	ng		0.00
23) Nitrobenzene-d5	7.422	82	1107631	86.82	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	412476	135.35	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	1760919	84.51	ng		0.00
79) Terphenyl-d14	12.980	244	1947298	84.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.704	88	164813	28.51	ng	#	88
3) Pyridine	3.451	79	487819	34.64	ng		93
4) n-Nitrosodimethylamine	3.410	42	266489	40.92	ng		85
6) Aniline	6.516	93	489957	30.48	ng	#	87
8) 2-Chlorophenol	6.639	128	500012	46.46	ng		92
9) Benzaldehyde	6.398	77	235485	31.73	ng		87
10) Phenol	6.510	94	655547	44.20	ng		84
11) bis(2-Chloroethyl)ether	6.587	93	506025	47.57	ng		95
12) 1,3-Dichlorobenzene	6.792	146	507335	45.32	ng	#	93
13) 1,4-Dichlorobenzene	6.869	146	519003	45.50	ng		94
14) 1,2-Dichlorobenzene	7.022	146	495698	46.71	ng		95
15) Benzyl Alcohol	6.998	79	485391	45.75	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.128	45	678264	46.49	ng		96
17) 2-Methylphenol	7.110	107	429144	47.42	ng	#	92
18) Hexachloroethane	7.363	117	202137	49.05	ng		92
19) n-Nitroso-di-n-propyla...	7.275	70	391744	48.39	ng		96
20) 3+4-Methylphenols	7.263	107	524425	44.12	ng	#	89
22) Acetophenone	7.263	105	716544	47.30	ng	#	88
24) Nitrobenzene	7.439	77	600637	44.66	ng		91
25) Isophorone	7.681	82	1068514	44.79	ng		96
26) 2-Nitrophenol	7.751	139	262889	46.66	ng	#	84
27) 2,4-Dimethylphenol	7.792	122	412891	47.34	ng		91
28) bis(2-Chloroethoxy)met...	7.886	93	632999	50.70	ng		99
29) 2,4-Dichlorophenol	7.998	162	398891	44.30	ng		93
30) 1,2,4-Trichlorobenzene	8.081	180	443368	45.28	ng		99
31) Naphthalene	8.163	128	1411203	44.09	ng		99
32) Benzoic acid	7.945	122	290083	45.09	ng		86
33) 4-Chloroaniline	8.204	127	194208	14.91	ng	#	91
34) Hexachlorobutadiene	8.275	225	244408	44.25	ng		99
35) Caprolactam	8.592	113	140250m	46.41	ng		
36) 4-Chloro-3-methylphenol	8.698	107	499850	46.69	ng		88
37) 2-Methylnaphthalene	8.851	142	949150	44.52	ng		97
38) 1-Methylnaphthalene	8.951	142	889235	44.60	ng		99
40) 1,2,4,5-Tetrachloroben...	9.022	216	411974	46.06	ng	#	97
41) Hexachlorocyclopentadiene	9.010	237	425288	101.50	ng		99
43) 2,4,6-Trichlorophenol	9.133	196	282407	44.52	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	302591	44.58	ng	#	90
46) 1,1'-Biphenyl	9.316	154	1148198	46.25	ng		99
47) 2-Chloronaphthalene	9.345	162	884126	45.13	ng		99
48) 2-Nitroaniline	9.439	65	342909	48.86	ng	#	74
49) Acenaphthylene	9.763	152	1332965	44.86	ng		99
50) Dimethylphthalate	9.622	163	1069829	47.80	ng		99
51) 2,6-Dinitrotoluene	9.686	165	240023	46.53	ng	#	86
52) Acenaphthene	9.933	154	1024783m	50.02	ng		
53) 3-Nitroaniline	9.851	138	150722	26.33	ng	#	72
54) 2,4-Dinitrophenol	9.963	184	271292	100.13	ng	#	77
55) Dibenzofuran	10.104	168	1213351	43.74	ng		95
56) 4-Nitrophenol	10.027	139	405239	88.83	ng	#	63
57) 2,4-Dinitrotoluene	10.092	165	325825	46.97	ng	#	84
58) Fluorene	10.451	166	985397	45.14	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	252210	46.57	ng	#	84
60) Diethylphthalate	10.322	149	1069049	48.24	ng		98
61) 4-Chlorophenyl-phenyle...	10.439	204	481900	46.37	ng		95
62) 4-Nitroaniline	10.475	138	256832	44.57	ng		88
63) Azobenzene	10.598	77	1144752	44.83	ng		94
65) 4,6-Dinitro-2-methylph...	10.504	198	184738	48.95	ng		87
66) n-Nitrosodiphenylamine	10.563	169	883381	45.57	ng		100
67) 4-Bromophenyl-phenylether	10.933	248	285811	46.76	ng		98
68) Hexachlorobenzene	10.998	284	304849	47.35	ng	#	89
69) Atrazine	11.092	200	260463	42.52	ng		97
70) Pentachlorophenol	11.198	266	371192	91.31	ng		99
71) Phenanthrene	11.416	178	1490197	44.95	ng		99
72) Anthracene	11.469	178	1538037	46.50	ng		100
73) Carbazole	11.621	167	1363072	43.76	ng		99
74) Di-n-butylphthalate	11.951	149	1687066	48.44	ng		99
75) Fluoranthene	12.610	202	1613565	45.92	ng		98
77) Benzidine	12.727	184	434666	30.30	ng		99
78) Pyrene	12.839	202	1612047	46.49	ng		100
80) Butylbenzylphthalate	13.457	149	735560	50.18	ng		92
81) Benzo(a)anthracene	14.033	228	1393492	46.17	ng		98
82) 3,3'-Dichlorobenzidine	13.992	252	298096	29.71	ng	#	99
83) Chrysene	14.074	228	1353098	45.65	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	1032863	51.19	ng		100
85) Di-n-octyl phthalate	14.633	149	1765038	51.20	ng		96
87) Indeno(1,2,3-cd)pyrene	16.998	276	1346927	48.60	ng		98
88) Benzo(b)fluoranthene	15.086	252	1334556	47.38	ng		98
89) Benzo(k)fluoranthene	15.121	252	1312749	51.41	ng		99
90) Benzo(a)pyrene	15.457	252	1196823	47.65	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	1124741	47.30	ng		98
92) Benzo(g,h,i)perylene	17.456	276	1088814	49.72	ng		98

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

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