Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
Data File : BF124970.D
Acq On : 7 Aug 2021 12:17
Operator : JU/CG
Sample : PB138238BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138238BS

Manual Integrations APPROVED
mohammad
8/10/2021 4:24:17 PM

Quant Time: Aug 07 15:37:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 06 11:27:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	7567	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	30008	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	16580	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	28376	20.000	ng	0.00
76) Chrysene-d12	13.992	240	20581	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	15639	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	58765	127.215	ng	0.02
7) Phenol-d6	6.469	99	72431	124.352	ng	0.00
23) Nitrobenzene-d5	7.392	82	39956	69.655	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	16639	112.330	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	81448	71.880	ng	0.00
79) Terphenyl-d14	12.939	244	80163	65.702	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	8030	46.465	ng	# 100
3) Pyridine	3.457	79	17850	44.451	ng	92
4) n-Nitrosodimethylamine	3.422	42	14486	50.798	ng	# 96
6) Aniline	6.498	93	21991	35.742	ng	96
8) 2-Chlorophenol	6.616	128	23864	47.096	ng	93
9) Benzaldehyde	6.381	77	11567	36.501	ng	93
10) Phenol	6.481	94	28626	47.631	ng	96
11) bis(2-Chloroethyl)ether	6.569	93	22233	49.313	ng	95
12) 1,3-Dichlorobenzene	6.769	146	26280	47.651	ng	97
13) 1,4-Dichlorobenzene	6.845	146	26944	48.871	ng	97
14) 1,2-Dichlorobenzene	6.998	146	25841	50.014	ng	97
15) Benzyl Alcohol	6.975	79	18803	44.753	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.104	45	35499	49.145	ng	95
17) 2-Methylphenol	7.086	107	18839	49.669	ng	97
18) Hexachloroethane	7.339	117	10820	50.127	ng	95
19) n-Nitroso-di-n-propyla...	7.245	70	16526	47.817	ng	92
20) 3+4-Methylphenols	7.239	107	24315	48.292	ng	# 81
22) Acetophenone	7.245	105	34830	47.393	ng	# 96
24) Nitrobenzene	7.416	77	24116	43.447	ng	97
25) Isophorone	7.651	82	41294	42.178	ng	94
26) 2-Nitrophenol	7.728	139	12922	45.845	ng	# 85
27) 2,4-Dimethylphenol	7.763	122	21870	54.735	ng	93
28) bis(2-Chloroethoxy)met...	7.863	93	27994	50.239	ng	96
29) 2,4-Dichlorophenol	7.969	162	19877	44.652	ng	95
30) 1,2,4-Trichlorobenzene	8.051	180	23057	46.218	ng	98
31) Naphthalene	8.133	128	71722	46.520	ng	98
32) Benzoic acid	7.904	122	9629	41.799	ng	82
33) 4-Chloroaniline	8.180	127	14739	25.653	ng	95
34) Hexachlorobutadiene	8.251	225	13826	46.409	ng	98
35) Caprolactam	8.557	113	6729m	56.923	ng	
36) 4-Chloro-3-methylphenol	8.669	107	21176	45.475	ng	89
37) 2-Methylnaphthalene	8.827	142	47824	46.135	ng	100
38) 1-Methylnaphthalene	8.927	142	44080	45.446	ng	95
40) 1,2,4,5-Tetrachloroben...	8.992	216	21855	45.924	ng	98
41) Hexachlorocyclopentadiene	8.975	237	23956	128.761	ng	98
43) 2,4,6-Trichlorophenol	9.104	196	13794	43.541	ng	92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	14283	44.537	ng		97
46) 1,1'-Biphenyl	9.292	154	57033	46.161	ng		98
47) 2-Chloronaphthalene	9.316	162	44795	45.571	ng		98
48) 2-Nitroaniline	9.416	65	13011	45.060	ng		98
49) Acenaphthylene	9.733	152	70564	47.259	ng		97
50) Dimethylphthalate	9.592	163	52611	46.825	ng		98
51) 2,6-Dinitrotoluene	9.657	165	11002	43.975	ng		97
52) Acenaphthene	9.904	154	41552	45.904	ng		99
53) 3-Nitroaniline	9.827	138	7217	27.387	ng		86
54) 2,4-Dinitrophenol	9.933	184	9988	78.815	ng		95
55) Dibenzofuran	10.074	168	62863	44.437	ng		98
56) 4-Nitrophenol	9.992	139	16320	93.953	ng		91
57) 2,4-Dinitrotoluene	10.063	165	15449	45.482	ng	#	92
58) Fluorene	10.416	166	49925	46.026	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.192	232	11250	46.755	ng	#	89
60) Diethylphthalate	10.292	149	52766	45.763	ng		98
61) 4-Chlorophenyl-phenyle...	10.410	204	24475	47.780	ng		90
62) 4-Nitroaniline	10.445	138	10987	42.944	ng		92
63) Azobenzene	10.569	77	49775	44.145	ng		93
65) 4,6-Dinitro-2-methylph...	10.469	198	6971	39.214	ng		92
66) n-Nitrosodiphenylamine	10.527	169	42927	46.675	ng		98
67) 4-Bromophenyl-phenylether	10.898	248	14010	45.077	ng		92
68) Hexachlorobenzene	10.963	284	15298	45.243	ng		90
69) Atrazine	11.057	200	13011	47.080	ng		93
70) Pentachlorophenol	11.163	266	13244	82.736	ng		96
71) Phenanthrene	11.380	178	70628	45.884	ng		98
72) Anthracene	11.433	178	73252	47.437	ng		99
73) Carbazole	11.586	167	62489	44.128	ng		99
74) Di-n-butylphthalate	11.910	149	84879	47.162	ng		99
75) Fluoranthene	12.568	202	71935	45.174	ng		99
77) Benzidine	12.686	184	26287	47.735	ng		97
78) Pyrene	12.798	202	73610	45.408	ng		98
80) Butylbenzylphthalate	13.410	149	33393	46.288	ng		95
81) Benzo(a)anthracene	13.980	228	59513	44.373	ng		97
82) 3,3'-Dichlorobenzidine	13.945	252	14323	40.507	ng		91
83) Chrysene	14.021	228	57894	44.652	ng		99
84) Bis(2-ethylhexyl)phtha...	13.962	149	48109	48.072	ng		99
85) Di-n-octyl phthalate	14.574	149	75805	48.012	ng		99
87) Indeno(1,2,3-cd)pyrene	16.903	276	41449	44.506	ng		94
88) Benzo(b)fluoranthene	15.027	252	49669m	45.231	ng		
89) Benzo(k)fluoranthene	15.057	252	46121	46.171	ng		98
90) Benzo(a)pyrene	15.386	252	43374	46.385	ng		98
91) Dibenzo(a,h)anthracene	16.921	278	34782	42.477	ng	#	94
92) Benzo(g,h,i)perylene	17.350	276	34640	44.102	ng		94

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

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