Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
Data File : BF124969.D
Acq On : 7 Aug 2021 11:45
Operator : JU/CG
Sample : PB138219BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB138219BSD

Manual Integrations APPROVED
mohammad
8/10/2021 4:24:14 PM

Quant Time: Aug 07 15:36:37 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	7303	20.000	ng		0.00
21) Naphthalene-d8	8.110	136	28455	20.000	ng		0.00
39) Acenaphthene-d10	9.869	164	15609	20.000	ng		0.00
64) Phenanthrene-d10	11.357	188	28001	20.000	ng		0.00
76) Chrysene-d12	13.992	240	20644	20.000	ng		0.00
86) Perylene-d12	15.445	264	16569	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	56639	127.045	ng		0.02
7) Phenol-d6	6.469	99	71019	126.335	ng		0.00
23) Nitrobenzene-d5	7.392	82	39674	72.938	ng		0.00
42) 2,4,6-Tribromophenol	10.663	330	16940	121.477	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	81796	76.678	ng		0.00
79) Terphenyl-d14	12.939	244	80604	65.862	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	8118	48.672	ng	#	100
3) Pyridine	3.463	79	17623	45.472	ng		95
4) n-Nitrosodimethylamine	3.428	42	13851	50.327	ng	#	93
6) Aniline	6.498	93	20592	34.678	ng		98
8) 2-Chlorophenol	6.616	128	22436	45.879	ng		91
9) Benzaldehyde	6.381	77	10656	34.842	ng		91
10) Phenol	6.481	94	26825	46.248	ng		97
11) bis(2-Chloroethyl)ether	6.569	93	20883	47.993	ng		95
12) 1,3-Dichlorobenzene	6.769	146	24760	46.518	ng		93
13) 1,4-Dichlorobenzene	6.845	146	24861	46.723	ng		95
14) 1,2-Dichlorobenzene	6.998	146	24011	48.152	ng		98
15) Benzyl Alcohol	6.975	79	17787	43.865	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.104	45	33424	47.945	ng		96
17) 2-Methylphenol	7.086	107	17529	47.886	ng		94
18) Hexachloroethane	7.339	117	9941	47.720	ng		92
19) n-Nitroso-di-n-propyla...	7.245	70	15393	46.149	ng		91
20) 3+4-Methylphenols	7.234	107	22594	46.496	ng	#	83
22) Acetophenone	7.239	105	32246	46.272	ng	#	90
24) Nitrobenzene	7.410	77	23392	44.443	ng		92
25) Isophorone	7.651	82	40049	43.139	ng	#	92
26) 2-Nitrophenol	7.728	139	11935	44.654	ng	#	85
27) 2,4-Dimethylphenol	7.763	122	20446	53.964	ng		94
28) bis(2-Chloroethoxy)met...	7.863	93	25588	48.428	ng		95
29) 2,4-Dichlorophenol	7.969	162	18452	43.713	ng		91
30) 1,2,4-Trichlorobenzene	8.051	180	21611	45.684	ng		98
31) Naphthalene	8.133	128	66664	45.599	ng		99
32) Benzoic acid	7.904	122	8666	40.050	ng		96
33) 4-Chloroaniline	8.181	127	15540	28.523	ng		96
34) Hexachlorobutadiene	8.251	225	12737	45.087	ng		94
35) Caprolactam	8.557	113	4894m	43.660	ng		
36) 4-Chloro-3-methylphenol	8.669	107	19431	44.005	ng		93
37) 2-Methylnaphthalene	8.828	142	44255	45.022	ng		97
38) 1-Methylnaphthalene	8.928	142	41286	44.888	ng		99
40) 1,2,4,5-Tetrachloroben...	8.992	216	20238	45.171	ng		96
41) Hexachlorocyclopentadiene	8.975	237	21939	125.402	ng		97
43) 2,4,6-Trichlorophenol	9.104	196	13216	44.311	ng		96

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44) 2,4,5-Trichlorophenol	9.145	196	14009	46.400	ng		88
46) 1,1'-Biphenyl	9.292	154	52297	44.961	ng		98
47) 2-Chloronaphthalene	9.316	162	42936	46.397	ng		99
48) 2-Nitroaniline	9.416	65	12396	45.601	ng		100
49) Acenaphthylene	9.733	152	65295	46.451	ng		99
50) Dimethylphthalate	9.592	163	49133	46.450	ng		97
51) 2,6-Dinitrotoluene	9.657	165	10740	45.598	ng		98
52) Acenaphthene	9.904	154	37831	44.393	ng		96
53) 3-Nitroaniline	9.822	138	6964	28.071	ng		84
54) 2,4-Dinitrophenol	9.933	184	9186	77.121	ng		90
55) Dibenzofuran	10.074	168	58786	44.140	ng		98
56) 4-Nitrophenol	9.992	139	15627	95.560	ng		92
57) 2,4-Dinitrotoluene	10.063	165	14626	45.737	ng	#	93
58) Fluorene	10.416	166	46637	45.669	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.192	232	10639	46.966	ng	#	90
60) Diethylphthalate	10.292	149	49067	45.202	ng		99
61) 4-Chlorophenyl-phenyle...	10.410	204	22396	46.441	ng		92
62) 4-Nitroaniline	10.445	138	10194	42.323	ng		87
63) Azobenzene	10.569	77	45347	42.720	ng		93
65) 4,6-Dinitro-2-methylph...	10.469	198	6206	35.378	ng		98
66) n-Nitrosodiphenylamine	10.527	169	39256	43.255	ng		96
67) 4-Bromophenyl-phenylether	10.898	248	13162	42.916	ng		91
68) Hexachlorobenzene	10.963	284	14610	43.787	ng		96
69) Atrazine	11.057	200	12424	45.558	ng		95
70) Pentachlorophenol	11.163	266	12195	77.443	ng		88
71) Phenanthrene	11.380	178	68462	45.072	ng		99
72) Anthracene	11.433	178	68312	44.831	ng		99
73) Carbazole	11.586	167	59216	42.376	ng		98
74) Di-n-butylphthalate	11.916	149	78184	44.024	ng		98
75) Fluoranthene	12.568	202	68567	43.635	ng		97
77) Benzidine	12.686	184	28557	51.699	ng		98
78) Pyrene	12.798	202	69410	42.686	ng		97
80) Butylbenzylphthalate	13.410	149	31715	43.827	ng		97
81) Benzo(a)anthracene	13.980	228	59821	44.466	ng		96
82) 3,3'-Dichlorobenzidine	13.945	252	13961	39.363	ng	#	98
83) Chrysene	14.021	228	54913	42.224	ng		99
84) Bis(2-ethylhexyl)phtha...	13.968	149	45767	45.592	ng		99
85) Di-n-octyl phthalate	14.574	149	74731	47.188	ng		97
87) Indeno(1,2,3-cd)pyrene	16.903	276	39706	40.242	ng		95
88) Benzo(b)fluoranthene	15.027	252	49079	42.185	ng		97
89) Benzo(k)fluoranthene	15.057	252	49113	46.406	ng		98
90) Benzo(a)pyrene	15.392	252	44971	45.394	ng		97
91) Dibenzo(a,h)anthracene	16.921	278	34676	39.971	ng		99
92) Benzo(g,h,i)perylene	17.345	276	33406	40.143	ng		94

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

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