Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124227.D
Acq On : 10 Jun 2021 10:54
Operator : JU/CG
Sample : PB136946BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB136946BS

Manual Integrations APPROVED
mohammad
6/11/2021 2:10:44 PM

Quant Time: Jun 10 12:13:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 10 01:53:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	48742	20.000	ng		0.00
21) Naphthalene-d8	8.133	136	190501	20.000	ng		0.00
39) Acenaphthene-d10	9.892	164	115931	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	199817	20.000	ng		0.00
76) Chrysene-d12	14.027	240	124462	20.000	ng		0.00
86) Perylene-d12	15.498	264	86219	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	376520	116.284	ng		0.02
7) Phenol-d6	6.504	99	474713	109.072	ng		0.00
23) Nitrobenzene-d5	7.422	82	367591	76.530	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	179010	108.989	ng		0.01
45) 2-Fluorobiphenyl	9.216	172	703147	76.323	ng		0.00
79) Terphenyl-d14	12.968	244	723396	79.799	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	43808	30.916	ng		93
3) Pyridine	3.463	79	107308	29.569	ng		90
4) n-Nitrosodimethylamine	3.428	42	78680	36.487	ng		98
6) Aniline	6.516	93	148402	29.853	ng	#	1
8) 2-Chlorophenol	6.645	128	147968	41.069	ng		95
9) Benzaldehyde	6.398	77	52239	27.003	ng		85
10) Phenol	6.516	94	183175	38.944	ng	#	65
11) bis(2-Chloroethyl)ether	6.592	93	143767	41.928	ng		91
12) 1,3-Dichlorobenzene	6.792	146	164460	39.046	ng		96
13) 1,4-Dichlorobenzene	6.869	146	170933	40.459	ng		95
14) 1,2-Dichlorobenzene	7.022	146	162145	40.119	ng		98
15) Benzyl Alcohol	7.004	79	149225	38.033	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.128	45	205769	38.468	ng		56
17) 2-Methylphenol	7.116	107	121009	41.316	ng	#	82
18) Hexachloroethane	7.363	117	67405	40.514	ng		89
19) n-Nitroso-di-n-propyla...	7.275	70	123917	40.333	ng	#	84
20) 3+4-Methylphenols	7.269	107	159254	41.037	ng	#	81
22) Acetophenone	7.263	105	223462	41.148	ng		95
24) Nitrobenzene	7.439	77	177308	36.797	ng		95
25) Isophorone	7.680	82	314701	36.359	ng	#	96
26) 2-Nitrophenol	7.751	139	88787	41.249	ng		94
27) 2,4-Dimethylphenol	7.798	122	135250	44.561	ng		94
28) bis(2-Chloroethoxy)met...	7.886	93	180597	42.087	ng		99
29) 2,4-Dichlorophenol	8.004	162	139429	39.700	ng		91
30) 1,2,4-Trichlorobenzene	8.080	180	153668	39.043	ng		97
31) Naphthalene	8.157	128	435927	38.274	ng		99
32) Benzoic acid	7.951	122	71712	38.504	ng		95
33) 4-Chloroaniline	8.204	127	50111	11.829	ng		95
34) Hexachlorobutadiene	8.275	225	107520	38.675	ng		98
35) Caprolactam	8.604	113	35619m	36.917	ng		
36) 4-Chloro-3-methylphenol	8.704	107	152957	39.807	ng		89
37) 2-Methylnaphthalene	8.851	142	312764	39.159	ng		99
38) 1-Methylnaphthalene	8.951	142	288505	38.654	ng		98
40) 1,2,4,5-Tetrachloroben...	9.022	216	169549	41.278	ng		99
41) Hexachlorocyclopentadiene	9.004	237	158767	72.106	ng		96
43) 2,4,6-Trichlorophenol	9.133	196	105237	39.284	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	114058	39.661	ng	#	88
46) 1,1'-Biphenyl	9.316	154	398633	40.734	ng		97
47) 2-Chloronaphthalene	9.345	162	302612	37.989	ng		95
48) 2-Nitroaniline	9.439	65	108897	37.882	ng		97
49) Acenaphthylene	9.757	152	458033	39.558	ng		98
50) Dimethylphthalate	9.622	163	383645	39.998	ng		98
51) 2,6-Dinitrotoluene	9.686	165	81750	37.172	ng		85
52) Acenaphthene	9.927	154	282539	37.360	ng		95
53) 3-Nitroaniline	9.851	138	45653	22.180	ng	#	94
54) 2,4-Dinitrophenol	9.969	184	83000	74.089	ng		91
55) Dibenzofuran	10.104	168	440464	37.213	ng		98
56) 4-Nitrophenol	10.039	139	105092	71.443	ng		90
57) 2,4-Dinitrotoluene	10.092	165	111407	38.411	ng	#	92
58) Fluorene	10.445	166	349251	38.440	ng		91
59) 2,3,4,6-Tetrachlorophenol	10.227	232	86193	36.986	ng	#	98
60) Diethylphthalate	10.321	149	398473	41.165	ng		97
61) 4-Chlorophenyl-phenyle...	10.433	204	183508	39.502	ng		99
62) 4-Nitroaniline	10.474	138	72679	35.118	ng	#	84
63) Azobenzene	10.592	77	373300	36.996	ng		98
65) 4,6-Dinitro-2-methylph...	10.504	198	56082	34.925	ng	#	72
66) n-Nitrosodiphenylamine	10.557	169	303810	40.016	ng		95
67) 4-Bromophenyl-phenylether	10.921	248	112083	40.867	ng	#	88
68) Hexachlorobenzene	10.998	284	126111	40.597	ng		92
69) Atrazine	11.086	200	109134	50.780	ng		93
70) Pentachlorophenol	11.192	266	110208	68.063	ng		98
71) Phenanthrene	11.410	178	498727	39.955	ng		98
72) Anthracene	11.463	178	518397	41.238	ng		99
73) Carbazole	11.616	167	414714	37.857	ng		98
74) Di-n-butylphthalate	11.939	149	582731	41.391	ng		99
75) Fluoranthene	12.598	202	503229	38.408	ng		97
77) Benzidine	12.710	184	118523	41.464	ng	#	94
78) Pyrene	12.827	202	501810	41.987	ng		99
80) Butylbenzylphthalate	13.439	149	212928	43.918	ng	#	89
81) Benzo(a)anthracene	14.015	228	360839	39.797	ng		96
82) 3,3'-Dichlorobenzidine	13.974	252	70725	26.589	ng		96
83) Chrysene	14.051	228	347356	39.707	ng		98
84) Bis(2-ethylhexyl)phtha...	13.992	149	268716	46.594	ng		94
85) Di-n-octyl phthalate	14.604	149	354198	46.019	ng	#	90
87) Indeno(1,2,3-cd)pyrene	17.003	276	279436	39.759	ng		97
88) Benzo(b)fluoranthene	15.068	252	289311m	43.196	ng		
89) Benzo(k)fluoranthene	15.098	252	252510	39.825	ng		99
90) Benzo(a)pyrene	15.445	252	253043	43.498	ng		98
91) Dibenzo(a,h)anthracene	17.009	278	233230	38.948	ng		100
92) Benzo(g,h,i)perylene	17.450	276	227582	38.477	ng		98

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

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