Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
Data File : BF124706.D
Acq On : 23 Jul 2021 10:07
Operator : JU/CG
Sample : PB137864BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB137864BS

Manual Integrations APPROVED
mohammad
7/27/2021 12:03:21 PM

Quant Time: Jul 23 11:43:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	7321	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	28650	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	16201	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	30329	20.000	ng		0.00
76) Chrysene-d12	14.039	240	21186	20.000	ng		0.00
86) Perylene-d12	15.503	264	16959	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	53474	123.672	ng		0.02
7) Phenol-d6	6.504	99	64156	118.355	ng		0.00
23) Nitrobenzene-d5	7.433	82	33509	69.612	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	17419	125.225	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	77663	70.408	ng		0.00
79) Terphenyl-d14	12.980	244	83074	67.215	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.775	88	7188	47.558	ng	#	100
3) Pyridine	3.510	79	15679	43.822	ng		90
4) n-Nitrosodimethylamine	3.475	42	14187	50.140	ng	#	99
6) Aniline	6.533	93	20425	36.664	ng		97
8) 2-Chlorophenol	6.657	128	22767	46.684	ng		96
9) Benzaldehyde	6.422	77	10617	36.379	ng		90
10) Phenol	6.516	94	24648m	47.483	ng		
11) bis(2-Chloroethyl)ether	6.610	93	19877	48.294	ng		97
12) 1,3-Dichlorobenzene	6.810	146	24944	47.060	ng		98
13) 1,4-Dichlorobenzene	6.886	146	25350	47.806	ng		95
14) 1,2-Dichlorobenzene	7.039	146	23543	45.951	ng		95
15) Benzyl Alcohol	7.010	79	16605	46.583	ng		89
16) 2,2'-oxybis(1-Chloropr...	7.145	45	33856	48.873	ng		99
17) 2-Methylphenol	7.122	107	17176	48.344	ng		99
18) Hexachloroethane	7.386	117	9842	48.968	ng	#	89
19) n-Nitroso-di-n-propyla...	7.286	70	14324	49.486	ng		95
20) 3+4-Methylphenols	7.275	107	22889	48.761	ng		91
22) Acetophenone	7.280	105	30540	45.999	ng	#	93
24) Nitrobenzene	7.457	77	21371	45.284	ng		94
25) Isophorone	7.692	82	37813	44.425	ng		93
26) 2-Nitrophenol	7.769	139	12493	47.794	ng		93
27) 2,4-Dimethylphenol	7.804	122	21027	52.279	ng		87
28) bis(2-Chloroethoxy)met...	7.904	93	24308	49.144	ng		97
29) 2,4-Dichlorophenol	8.010	162	19033	44.681	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	20899	44.764	ng		96
31) Naphthalene	8.175	128	68373	45.730	ng		98
32) Benzoic acid	7.933	122	15310	49.178	ng		83
33) 4-Chloroaniline	8.222	127	10964	19.501	ng		99
34) Hexachlorobutadiene	8.292	225	12477	44.708	ng		96
35) Caprolactam	8.598	113	5914m	53.417	ng		
36) 4-Chloro-3-methylphenol	8.704	107	19633	48.321	ng		97
37) 2-Methylnaphthalene	8.869	142	45993	46.039	ng		99
38) 1-Methylnaphthalene	8.969	142	42090	44.474	ng		96
40) 1,2,4,5-Tetrachloroben...	9.033	216	20211	44.711	ng		95
41) Hexachlorocyclopentadiene	9.022	237	30641	114.572	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	14504	45.199	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	14561	44.193	ng		96
46) 1,1'-Biphenyl	9.333	154	55791	46.134	ng		99
47) 2-Chloronaphthalene	9.357	162	43561	45.502	ng		99
48) 2-Nitroaniline	9.451	65	11730	46.794	ng		92
49) Acenaphthylene	9.774	152	68449	46.364	ng		99
50) Dimethylphthalate	9.639	163	53007	47.517	ng		99
51) 2,6-Dinitrotoluene	9.698	165	11438	46.411	ng		96
52) Acenaphthene	9.945	154	42981	43.917	ng		95
53) 3-Nitroaniline	9.863	138	7397	28.529	ng	#	96
54) 2,4-Dinitrophenol	9.969	184	13055	91.608	ng		91
55) Dibenzofuran	10.121	168	63324	45.280	ng		95
56) 4-Nitrophenol	10.027	139	19609	95.771	ng		96
57) 2,4-Dinitrotoluene	10.104	165	15868	47.446	ng	#	78
58) Fluorene	10.463	166	48575	45.277	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.233	232	12002	46.124	ng	#	98
60) Diethylphthalate	10.333	149	54395	46.891	ng		97
61) 4-Chlorophenyl-phenyle...	10.451	204	23703	45.704	ng		95
62) 4-Nitroaniline	10.486	138	11471	44.712	ng		92
63) Azobenzene	10.616	77	46739	45.543	ng		95
65) 4,6-Dinitro-2-methylph...	10.504	198	7990	40.679	ng		98
66) n-Nitrosodiphenylamine	10.574	169	43091	43.843	ng		95
67) 4-Bromophenyl-phenylether	10.945	248	14058	43.705	ng		96
68) Hexachlorobenzene	11.010	284	14880	44.543	ng	#	86
69) Atrazine	11.098	200	14246	47.674	ng		96
70) Pentachlorophenol	11.198	266	18882	90.898	ng		93
71) Phenanthrene	11.421	178	72046	44.167	ng		98
72) Anthracene	11.474	178	75001	45.991	ng		99
73) Carbazole	11.627	167	65433	42.805	ng		99
74) Di-n-butylphthalate	11.957	149	92236	45.301	ng		99
75) Fluoranthene	12.610	202	75531	45.375	ng		98
77) Benzidine	12.733	184	40414	67.647	ng		98
78) Pyrene	12.839	202	76203	45.434	ng		98
80) Butylbenzylphthalate	13.457	149	37228	46.342	ng		100
81) Benzo(a)anthracene	14.027	228	62317	44.999	ng		96
82) 3,3'-Dichlorobenzidine	13.986	252	12215	31.783	ng		96
83) Chrysene	14.068	228	59974	44.952	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	56165	47.466	ng		99
85) Di-n-octyl phthalate	14.627	149	91800	47.809	ng		99
87) Indeno(1,2,3-cd)pyrene	16.980	276	44323	45.270	ng		96
88) Benzo(b)fluoranthene	15.074	252	56898	47.652	ng		96
89) Benzo(k)fluoranthene	15.109	252	49403	45.282	ng		98
90) Benzo(a)pyrene	15.445	252	49623	49.750	ng		99
91) Dibenzo(a,h)anthracene	16.997	278	38089	44.438	ng		98
92) Benzo(g,h,i)perylene	17.427	276	34808	42.825	ng		98

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

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