Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071822\
Data File : BF129267.D
Acq On : 18 Jul 2022 14:32
Operator : CG\JU
Sample : PB146277BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB146277BS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

Quant Time: Jul 19 02:08:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 12:55:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	335868	20.000	ng		0.00
21) Naphthalene-d8	8.186	136	1375716	20.000	ng		0.00
39) Acenaphthene-d10	9.951	164	701551	20.000	ng		0.01
64) Phenanthrene-d10	11.439	188	1110939	20.000	ng	#	0.01
76) Chrysene-d12	14.086	240	694490	20.000	ng	#	0.01
86) Perylene-d12	15.574	264	523857	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.545	112	2528502	120.231	ng		0.03
7) Phenol-d6	6.540	99	3260304	119.865	ng		0.01
23) Nitrobenzene-d5	7.475	82	2216646	86.130	ng		0.00
42) 2,4,6-Tribromophenol	10.745	330	829769	127.430	ng		0.01
45) 2-Fluorobiphenyl	9.269	172	3445700	83.211	ng		0.00
79) Terphenyl-d14	13.027	244	3278233	88.303	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.857	88	350706	36.604	ng		90
3) Pyridine	3.622	79	927885	37.658	ng		93
4) n-Nitrosodimethylamine	3.575	42	554936	47.680	ng		91
6) Aniline	6.569	93	1174538	36.755	ng		100
8) 2-Chlorophenol	6.692	128	1140899	51.521	ng		98
10) Phenol	6.557	94	1294998m	47.397	ng		
11) bis(2-Chloroethyl)ether	6.640	93	1093573	49.350	ng		95
12) 1,3-Dichlorobenzene	6.845	146	1100739	46.742	ng		97
13) 1,4-Dichlorobenzene	6.922	146	1105711	46.422	ng		99
14) 1,2-Dichlorobenzene	7.075	146	1080718	48.678	ng		99
15) Benzyl Alcohol	7.051	79	953827	52.655	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1613227	45.689	ng		93
17) 2-Methylphenol	7.157	107	904885	48.612	ng		98
18) Hexachloroethane	7.416	117	437718	49.183	ng		92
19) n-Nitroso-di-n-propyla...	7.322	70	748751	46.801	ng		95
20) 3+4-Methylphenols	7.310	107	1012588	44.260	ng		91
22) Acetophenone	7.316	105	1396217	43.978	ng	#	91
24) Nitrobenzene	7.492	77	1161784	47.455	ng		95
25) Isophorone	7.728	82	2172369	50.223	ng		99
26) 2-Nitrophenol	7.804	139	610105	49.611	ng		94
27) 2,4-Dimethylphenol	7.839	122	1056702	55.260	ng		99
28) bis(2-Chloroethoxy)met...	7.934	93	1336182	46.376	ng		99
29) 2,4-Dichlorophenol	8.045	162	896499	47.158	ng		99
30) 1,2,4-Trichlorobenzene	8.128	180	915594	46.415	ng		96
31) Naphthalene	8.210	128	3025269	46.414	ng		99
32) Benzoic acid	7.981	122	742991	50.027	ng		97
33) 4-Chloroaniline	8.257	127	680270	25.167	ng		98
34) Hexachlorobutadiene	8.322	225	514913	46.398	ng		99
35) Caprolactam	8.651	113	291163m	46.106	ng		
36) 4-Chloro-3-methylphenol	8.745	107	967617	46.658	ng		96
37) 2-Methylnaphthalene	8.904	142	1948457	45.865	ng		99
38) 1-Methylnaphthalene	9.004	142	1856941	45.198	ng		98
40) 1,2,4,5-Tetrachloroben...	9.069	216	802257	45.995	ng	#	97
41) Hexachlorocyclopentadiene	9.051	237	945927	107.770	ng		99
43) 2,4,6-Trichlorophenol	9.181	196	620360	48.300	ng		99
44) 2,4,5-Trichlorophenol	9.233	196	618427	45.520	ng	#	92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.369	154	2254363	45.432	ng		99
47) 2-Chloronaphthalene	9.398	162	1777961	45.491	ng		99
48) 2-Nitroaniline	9.492	65	617150	47.000	ng		94
49) Acenaphthylene	9.816	152	2798520	47.573	ng		99
50) Dimethylphthalate	9.675	163	2128252	46.748	ng		100
51) 2,6-Dinitrotoluene	9.733	165	497293	50.480	ng		94
52) Acenaphthene	9.986	154	1920652m	49.950	ng		
53) 3-Nitroaniline	9.904	138	379655	32.273	ng	#	95
54) 2,4-Dinitrophenol	10.016	184	530530	100.482	ng		96
55) Dibenzofuran	10.157	168	2392434	43.830	ng		95
56) 4-Nitrophenol	10.075	139	810410	87.039	ng		96
57) 2,4-Dinitrotoluene	10.145	165	622699	48.203	ng		98
58) Fluorene	10.498	166	1858870	44.774	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.275	232	472214	44.995	ng		91
60) Diethylphthalate	10.369	149	1996213	45.342	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	855440	44.479	ng	#	89
62) 4-Nitroaniline	10.527	138	521137	44.747	ng		94
63) Azobenzene	10.651	77	2041059	43.431	ng		96
65) 4,6-Dinitro-2-methylph...	10.551	198	332654	47.392	ng		96
66) n-Nitrosodiphenylamine	10.610	169	1677809	47.336	ng		96
67) 4-Bromophenyl-phenylether	10.980	248	550614	47.083	ng		96
68) Hexachlorobenzene	11.045	284	589880	48.053	ng		93
69) Atrazine	11.139	200	517468	52.661	ng		98
70) Pentachlorophenol	11.245	266	653336	89.503	ng		99
71) Phenanthrene	11.463	178	2568613	45.540	ng		99
72) Anthracene	11.516	178	2582748	46.097	ng		99
73) Carbazole	11.674	167	2440286	43.665	ng		100
74) Di-n-butylphthalate	11.992	149	2896671	45.102	ng		99
75) Fluoranthene	12.657	202	2529564	45.031	ng		97
77) Benzidine	12.774	184	801713	41.240	ng		99
78) Pyrene	12.886	202	2575037	45.778	ng		99
80) Butylbenzylphthalate	13.492	149	1213034	48.415	ng		98
81) Benzo(a)anthracene	14.074	228	2108009	48.121	ng		98
82) 3,3'-Dichlorobenzidine	14.033	252	532109	48.558	ng	#	96
83) Chrysene	14.115	228	1928965	46.133	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	1630775	48.916	ng		98
85) Di-n-octyl phthalate	14.663	149	2493551	52.148	ng		99
87) Indeno(1,2,3-cd)pyrene	17.104	276	1569186	48.038	ng		97
88) Benzo(b)fluoranthene	15.139	252	1708603	53.091	ng		98
89) Benzo(k)fluoranthene	15.168	252	1664167	52.928	ng		98
90) Benzo(a)pyrene	15.515	252	1552777	59.268	ng	#	97
91) Dibenzo(a,h)anthracene	17.121	278	1347955	51.016	ng		97
92) Benzo(g,h,i)perylene	17.568	276	1400794	51.864	ng		97

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

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