Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121322\
Data File : BF131613.D
Acq On : 13 Dec 2022 15:21
Operator : CG\JU
Sample : PB149584BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 14 03:32:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 03:22:29 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB149584BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	72462	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	256888	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	153228	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	289276	20.000	ng		0.00
76) Chrysene-d12	14.086	240	170745	20.000	ng	#	0.00
86) Perylene-d12	15.592	264	142050	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	402491	92.665	ng		0.02
7) Phenol-d6	6.522	99	520534	91.453	ng		0.00
23) Nitrobenzene-d5	7.457	82	538671	79.277	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	146757	86.205	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	919156	75.635	ng		0.00
79) Terphenyl-d14	13.027	244	1052891	84.567	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	74651	38.077	ng		95
3) Pyridine	3.481	79	203964	37.471	ng		96
4) n-Nitrosodimethylamine	3.452	42	114651	38.192	ng	#	87
6) Aniline	6.545	93	254848	37.438	ng		92
8) 2-Chlorophenol	6.669	128	199583	43.360	ng		96
9) Benzaldehyde	6.434	77	128538	32.965	ng		97
10) Phenol	6.540	94	288346m	45.417	ng		
11) bis(2-Chloroethyl)ether	6.622	93	204717	43.016	ng		97
12) 1,3-Dichlorobenzene	6.822	146	216805	40.626	ng		99
13) 1,4-Dichlorobenzene	6.898	146	218612	40.612	ng		98
14) 1,2-Dichlorobenzene	7.051	146	211928	41.214	ng		98
15) Benzyl Alcohol	7.034	79	217962	41.770	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.157	45	246800	40.146	ng		96
17) 2-Methylphenol	7.145	107	177145	42.702	ng		99
18) Hexachloroethane	7.398	117	86442	39.808	ng		96
19) n-Nitroso-di-n-propyla...	7.304	70	167003	39.129	ng		94
20) 3+4-Methylphenols	7.298	107	233255	41.282	ng	#	82
22) Acetophenone	7.298	105	323585	40.196	ng		96
24) Nitrobenzene	7.475	77	266581	38.899	ng		93
25) Isophorone	7.710	82	457617	41.812	ng		99
26) 2-Nitrophenol	7.787	139	107324	45.923	ng		96
27) 2,4-Dimethylphenol	7.828	122	175044	48.867	ng		96
28) bis(2-Chloroethoxy)met...	7.922	93	250337	44.215	ng		100
29) 2,4-Dichlorophenol	8.034	162	182034	41.100	ng		97
30) 1,2,4-Trichlorobenzene	8.116	180	206571	38.031	ng		96
31) Naphthalene	8.198	128	562007	38.843	ng		100
32) Benzoic acid	7.963	122	124494	47.989	ng		93
33) 4-Chloroaniline	8.245	127	148865	27.449	ng		99
34) Hexachlorobutadiene	8.310	225	137789	35.995	ng		99
35) Caprolactam	8.628	113	54875m	47.895	ng		
36) 4-Chloro-3-methylphenol	8.734	107	211347	42.495	ng		99
37) 2-Methylnaphthalene	8.892	142	381727	38.578	ng		99
38) 1-Methylnaphthalene	8.992	142	356530	37.534	ng		98
40) 1,2,4,5-Tetrachloroben...	9.057	216	221060	38.973	ng		99
41) Hexachlorocyclopentadiene	9.039	237	244006	84.753	ng		97
43) 2,4,6-Trichlorophenol	9.169	196	141538	40.342	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.216	196	151336	40.109	ng		99
46)	1,1'-Biphenyl	9.357	154	480795	39.686	ng		99
47)	2-Chloronaphthalene	9.386	162	389766	39.487	ng		98
48)	2-Nitroaniline	9.486	65	142540	40.766	ng		89
49)	Acenaphthylene	9.804	152	584324	40.318	ng		100
50)	Dimethylphthalate	9.663	163	447547	38.315	ng		99
51)	2,6-Dinitrotoluene	9.728	165	99060	41.079	ng	#	85
52)	Acenaphthene	9.975	154	433784m	44.678	ng		
53)	3-Nitroaniline	9.898	138	71858	31.058	ng		99
54)	2,4-Dinitrophenol	10.004	184	116300	84.031	ng		89
55)	Dibenzofuran	10.151	168	537916	39.211	ng		96
56)	4-Nitrophenol	10.075	139	152036	94.591	ng	#	74
57)	2,4-Dinitrotoluene	10.133	165	138935	43.433	ng		96
58)	Fluorene	10.492	166	429705	38.530	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.269	232	123821m	38.754	ng		
60)	Diethylphthalate	10.369	149	419847	37.455	ng		99
61)	4-Chlorophenyl-phenyle...	10.480	204	230775	37.445	ng		99
62)	4-Nitroaniline	10.522	138	95514	41.659	ng		93
63)	Azobenzene	10.645	77	466913	36.521	ng		97
65)	4,6-Dinitro-2-methylph...	10.539	198	75772	41.356	ng		99
66)	n-Nitrosodiphenylamine	10.604	169	364535	38.979	ng		99
67)	4-Bromophenyl-phenylether	10.975	248	140462	37.745	ng		100
68)	Hexachlorobenzene	11.039	284	156502	38.880	ng		98
69)	Atrazine	11.133	200	136146	45.843	ng		99
70)	Pentachlorophenol	11.239	266	161873	78.116	ng		98
71)	Phenanthrene	11.463	178	631956	39.194	ng		99
72)	Anthracene	11.516	178	636324	40.563	ng		99
73)	Carbazole	11.669	167	554477	43.303	ng		100
74)	Di-n-butylphthalate	11.992	149	615334	39.171	ng		99
75)	Fluoranthene	12.651	202	692138	41.687	ng		98
77)	Benzidine	12.774	184	184430	40.313	ng		99
78)	Pyrene	12.886	202	691811	41.090	ng		99
80)	Butylbenzylphthalate	13.504	149	213298	43.777	ng		90
81)	Benzo(a)anthracene	14.074	228	498487	40.427	ng		99
82)	3,3'-Dichlorobenzidine	14.039	252	130385	37.166	ng		96
83)	Chrysene	14.116	228	449815	38.372	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.063	149	232475	35.843	ng		97
85)	Di-n-octyl phthalate	14.680	149	309032	30.543	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.121	276	447390	38.592	ng		98
88)	Benzo(b)fluoranthene	15.151	252	417681	44.613	ng		99
89)	Benzo(k)fluoranthene	15.180	252	404617	41.406	ng		99
90)	Benzo(a)pyrene	15.527	252	367691	46.020	ng		99
91)	Dibenzo(a,h)anthracene	17.145	278	380051	39.833	ng		99
92)	Benzo(g,h,i)perylene	17.592	276	375340	39.143	ng		99

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

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