Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120522\
Data File : BF131513.D
Acq On : 05 Dec 2022 22:25
Operator : CG\JU
Sample : PB149409BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 06 02:15:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 06 01:30:30 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB149409BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	96349	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	367421	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	212212	20.000	ng	0.00
64) Phenanthrene-d10	11.475	188	413326	20.000	ng	0.00
76) Chrysene-d12	14.133	240	297888	20.000	ng	0.00
86) Perylene-d12	15.651	264	231068	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	858410	152.144	ng	0.02
7) Phenol-d6	6.551	99	1032245	146.510	ng	0.00
23) Nitrobenzene-d5	7.492	82	648627	81.023	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	413328	171.057	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1406458	86.945	ng	0.00
79) Terphenyl-d14	13.069	244	1936806	98.188	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.816	88	94838	39.266	ng	94
3) Pyridine	3.557	79	242100	35.909	ng	98
4) n-Nitrosodimethylamine	3.534	42	138346	40.042	ng	90
6) Aniline	6.587	93	227830	26.194	ng	96
8) 2-Chlorophenol	6.704	128	307549	51.044	ng	91
9) Benzaldehyde	6.469	77	48214	10.721	ng	90
10) Phenol	6.563	94	373368m	46.846	ng	
11) bis(2-Chloroethyl)ether	6.657	93	285356	48.475	ng	95
12) 1,3-Dichlorobenzene	6.863	146	344539	48.992	ng	95
13) 1,4-Dichlorobenzene	6.940	146	347669	48.372	ng	97
14) 1,2-Dichlorobenzene	7.092	146	329268	49.169	ng	98
15) Benzyl Alcohol	7.069	79	264529	44.888	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.198	45	257008	44.540	ng	99
17) 2-Methylphenol	7.175	107	241601	48.007	ng	97
18) Hexachloroethane	7.439	117	127761	47.846	ng	98
19) n-Nitroso-di-n-propyla...	7.340	70	207561	43.529	ng	99
20) 3+4-Methylphenols	7.328	107	321733	47.273	ng	95
22) Acetophenone	7.340	105	457908	45.928	ng	98
24) Nitrobenzene	7.510	77	328274	40.641	ng	92
25) Isophorone	7.751	82	569823	45.759	ng	95
26) 2-Nitrophenol	7.828	139	154290	52.170	ng	93
27) 2,4-Dimethylphenol	7.863	122	268929	55.385	ng	96
28) bis(2-Chloroethoxy)met...	7.963	93	338701	49.062	ng	99
29) 2,4-Dichlorophenol	8.069	162	271275	48.234	ng	97
30) 1,2,4-Trichlorobenzene	8.151	180	318085	45.262	ng	98
31) Naphthalene	8.239	128	877793	43.214	ng	100
32) Benzoic acid	7.992	122	151488	51.734	ng	95
33) 4-Chloroaniline	8.281	127	71529	9.402	ng	98
34) Hexachlorobutadiene	8.345	225	222361	44.301	ng	99
35) Caprolactam	8.663	113	73139m	46.326	ng	
36) 4-Chloro-3-methylphenol	8.769	107	276766	46.034	ng	98
37) 2-Methylnaphthalene	8.934	142	609087	44.810	ng	97
38) 1-Methylnaphthalene	9.034	142	572618	43.841	ng	100
40) 1,2,4,5-Tetrachloroben...	9.098	216	366015	46.690	ng	99
41) Hexachlorocyclopentadiene	9.081	237	481536	136.362	ng	99
43) 2,4,6-Trichlorophenol	9.210	196	223392	47.132	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	227429	44.993	ng		98
46) 1,1'-Biphenyl	9.398	154	769572	45.990	ng		99
47) 2-Chloronaphthalene	9.422	162	606634	44.380	ng		100
48) 2-Nitroaniline	9.522	65	156815	39.705	ng		97
49) Acenaphthylene	9.845	152	907875	44.464	ng		99
50) Dimethylphthalate	9.704	163	695427	45.340	ng		100
51) 2,6-Dinitrotoluene	9.763	165	153634	46.878	ng		100
52) Acenaphthene	10.016	154	653496m	49.331	ng		
53) 3-Nitroaniline	9.933	138	69823	20.354	ng		89
54) 2,4-Dinitrophenol	10.045	184	181178	110.177	ng	#	82
55) Dibenzofuran	10.186	168	875575	45.276	ng		100
56) 4-Nitrophenol	10.098	139	236412	98.757	ng		90
57) 2,4-Dinitrotoluene	10.175	165	214039	49.774	ng	#	75
58) Fluorene	10.533	166	708774	44.414	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.304	232	203531	47.469	ng		97
60) Diethylphthalate	10.404	149	686291	45.381	ng		99
61) 4-Chlorophenyl-phenyle...	10.522	204	373687	45.267	ng		96
62) 4-Nitroaniline	10.557	138	145568	42.560	ng		90
63) Azobenzene	10.686	77	591171	39.643	ng		91
65) 4,6-Dinitro-2-methylph...	10.580	198	115482	50.919	ng		90
66) n-Nitrosodiphenylamine	10.645	169	590055	45.487	ng		99
67) 4-Bromophenyl-phenylether	11.016	248	245081	47.393	ng		96
68) Hexachlorobenzene	11.080	284	276334	48.217	ng	#	89
69) Atrazine	11.169	200	157312	41.012	ng		99
70) Pentachlorophenol	11.275	266	325659	106.124	ng		98
71) Phenanthrene	11.504	178	1043035	45.414	ng		100
72) Anthracene	11.557	178	1056089	46.771	ng		100
73) Carbazole	11.710	167	913428	48.053	ng		99
74) Di-n-butylphthalate	12.033	149	1036683	48.847	ng		99
75) Fluoranthene	12.698	202	1181546	46.744	ng		98
77) Benzidine	12.816	184	91233	18.137	ng		100
78) Pyrene	12.927	202	1168057	43.779	ng		100
80) Butylbenzylphthalate	13.545	149	395209	54.914	ng		86
81) Benzo(a)anthracene	14.121	228	925643	45.502	ng		99
82) 3,3'-Dichlorobenzidine	14.080	252	204536	37.127	ng		96
83) Chrysene	14.157	228	875476	44.765	ng		100
84) Bis(2-ethylhexyl)phtha...	14.104	149	470077	58.447	ng		99
85) Di-n-octyl phthalate	14.727	149	578562	51.422	ng		96
87) Indeno(1,2,3-cd)pyrene	17.209	276	772985	43.277	ng		99
88) Benzo(b)fluoranthene	15.198	252	752678	50.146	ng		99
89) Benzo(k)fluoranthene	15.233	252	752267	46.170	ng		99
90) Benzo(a)pyrene	15.586	252	644334	51.729	ng		98
91) Dibenzo(a,h)anthracene	17.233	278	652674	44.779	ng		98
92) Benzo(g,h,i)perylene	17.680	276	639582	47.399	ng		100

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

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