Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083023\
Data File : BF135009.D
Acq On : 30 Aug 2023 17:20
Operator : CG\JU
Sample : PB155120BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 31 05:30:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB155120BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/31/2023
Supervised By :mohammad ahmed 08/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	144157	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	599595	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	315376	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	578811	20.000	ng	0.00
76) Chrysene-d12	13.963	240	314524	20.000	ng	0.00
86) Perylene-d12	15.427	264	278855	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	863046	92.474	ng	0.02
7) Phenol-d6	6.416	99	1053099	90.528	ng	0.00
23) Nitrobenzene-d5	7.339	82	962853	90.217	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	291883	87.247	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1668293	86.124	ng	0.00
79) Terphenyl-d14	12.910	244	1829626	94.930	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.599	88	153399	38.802	ng	99
3) Pyridine	3.340	79	409770	38.448	ng	99
4) n-Nitrosodimethylamine	3.316	42	251522	48.258	ng	98
6) Aniline	6.439	93	547624	37.974	ng	97
8) 2-Chlorophenol	6.563	128	489040	51.578	ng	98
9) Benzaldehyde	6.328	77	181746	30.662	ng	95
10) Phenol	6.428	94	592436	48.511	ng	100
11) bis(2-Chloroethyl)ether	6.516	93	447360	48.646	ng	99
12) 1,3-Dichlorobenzene	6.716	146	479454	49.081	ng	99
13) 1,4-Dichlorobenzene	6.792	146	488204	49.934	ng	99
14) 1,2-Dichlorobenzene	6.939	146	464802	50.945	ng	99
15) Benzyl Alcohol	6.922	79	414257	51.978	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.051	45	758541	49.255	ng	99
17) 2-Methylphenol	7.034	107	386721	46.806	ng	97
18) Hexachloroethane	7.281	117	183435	50.649	ng	96
19) n-Nitroso-di-n-propyla...	7.198	70	319994	46.310	ng	99
20) 3+4-Methylphenols	7.187	107	443714	45.521	ng	99
22) Acetophenone	7.187	105	623443	46.746	ng	99
24) Nitrobenzene	7.363	77	500294	45.698	ng	98
25) Isophorone	7.598	82	935971	46.255	ng	99
26) 2-Nitrophenol	7.675	139	263035	48.629	ng	99
27) 2,4-Dimethylphenol	7.716	122	396340	45.513	ng	97
28) bis(2-Chloroethoxy)met...	7.810	93	571999	46.860	ng	99
29) 2,4-Dichlorophenol	7.916	162	398816	48.187	ng	100
30) 1,2,4-Trichlorobenzene	7.998	180	426087	47.639	ng	98
31) Naphthalene	8.075	128	1342807	45.845	ng	99
32) Benzoic acid	7.857	122	341184	48.978	ng	99
33) 4-Chloroaniline	8.128	127	373047	29.119	ng	98
34) Hexachlorobutadiene	8.192	225	238971	47.081	ng	98
35) Caprolactam	8.510	113	124363m	45.892	ng	
36) 4-Chloro-3-methylphenol	8.622	107	434249	48.307	ng	99
37) 2-Methylnaphthalene	8.769	142	873165	44.679	ng	100
38) 1-Methylnaphthalene	8.869	142	828879	45.329	ng	100
40) 1,2,4,5-Tetrachloroben...	8.939	216	392216	44.426	ng	99
41) Hexachlorocyclopentadiene	8.922	237	420960	112.028	ng	97
43) 2,4,6-Trichlorophenol	9.051	196	281128	47.415	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	302926	44.130	ng	#	94
46) 1,1'-Biphenyl	9.239	154	1084649	45.015	ng		98
47) 2-Chloronaphthalene	9.263	162	830711	45.846	ng		98
48) 2-Nitroaniline	9.363	65	284284	45.832	ng		96
49) Acenaphthylene	9.680	152	1267447	46.273	ng		99
50) Dimethylphthalate	9.551	163	1010319	45.751	ng		99
51) 2,6-Dinitrotoluene	9.610	165	230145	47.496	ng		91
52) Acenaphthene	9.851	154	783242	44.871	ng		98
53) 3-Nitroaniline	9.775	138	192985	34.190	ng		99
54) 2,4-Dinitrophenol	9.892	184	254118	109.730	ng		90
55) Dibenzofuran	10.028	168	1107875	43.999	ng		97
56) 4-Nitrophenol	9.951	139	387663	97.704	ng		96
57) 2,4-Dinitrotoluene	10.016	165	285199	47.229	ng		96
58) Fluorene	10.369	166	855177	44.549	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	254247	48.100	ng		97
60) Diethylphthalate	10.251	149	965044	46.424	ng		100
61) 4-Chlorophenyl-phenyle...	10.363	204	410999	43.285	ng		96
62) 4-Nitroaniline	10.398	138	255688	46.295	ng		99
63) Azobenzene	10.522	77	956127	45.680	ng		99
65) 4,6-Dinitro-2-methylph...	10.427	198	172663	49.289	ng		93
66) n-Nitrosodiphenylamine	10.486	169	809851	44.999	ng		100
67) 4-Bromophenyl-phenylether	10.851	248	273349	44.525	ng		96
68) Hexachlorobenzene	10.916	284	305412	48.111	ng		97
70) Pentachlorophenol	11.116	266	300914	78.353	ng		98
71) Phenanthrene	11.333	178	1365753	45.737	ng		99
72) Anthracene	11.386	178	1395033	45.725	ng		100
73) Carbazole	11.545	167	1223015	46.476	ng		99
74) Di-n-butylphthalate	11.880	149	1489336	46.951	ng		100
75) Fluoranthene	12.527	202	1392743	46.131	ng		99
77) Benzidine	12.651	184	495494	87.392	ng		99
78) Pyrene	12.757	202	1416012	47.417	ng		99
80) Butylbenzylphthalate	13.386	149	562299	52.122	ng		99
81) Benzo(a)anthracene	13.957	228	985800	45.948	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	282100	43.574	ng		99
83) Chrysene	13.992	228	983977	46.667	ng		99
84) Bis(2-ethylhexyl)phtha...	13.951	149	600033	53.744	ng		99
85) Di-n-octyl phthalate	14.568	149	938067	55.047	ng		98
87) Indeno(1,2,3-cd)pyrene	16.921	276	953988	50.790	ng		100
88) Benzo(b)fluoranthene	15.004	252	826723	47.647	ng		100
89) Benzo(k)fluoranthene	15.033	252	818560	48.833	ng		99
90) Benzo(a)pyrene	15.368	252	729480	45.258	ng		100
91) Dibenzo(a,h)anthracene	16.939	278	775819	50.999	ng		99
92) Benzo(g,h,i)perylene	17.368	276	788153	49.814	ng		98

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

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