Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102023\
Data File : BF135906.D
Acq On : 20 Oct 2023 13:59
Operator : CG\JU
Sample : PB156209BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 20 23:18:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 17 01:22:00 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB156209BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.734	152	96597	20.000	ng		-0.01
21) Naphthalene-d8	8.016	136	391917	20.000	ng		0.00
39) Acenaphthene-d10	9.775	164	179364	20.000	ng		-0.01
64) Phenanthrene-d10	11.269	188	338414	20.000	ng		-0.01
76) Chrysene-d12	13.939	240	219595	20.000	ng		-0.01
86) Perylene-d12	15.409	264	188631	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	693371	115.404	ng		0.00
7) Phenol-d6	6.398	99	831151	110.870	ng		0.00
23) Nitrobenzene-d5	7.310	82	554215	77.775	ng		0.00
42) 2,4,6-Tribromophenol	10.580	330	227022	131.902	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	1005897	87.684	ng		0.00
79) Terphenyl-d14	12.868	244	1056184	89.071	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.546	88	100177	34.567	ng		97
3) Pyridine	3.328	79	193572	27.223	ng		99
4) n-Nitrosodimethylamine	3.269	42	152710	39.936	ng		98
6) Aniline	6.404	93	263219	27.901	ng	#	78
8) 2-Chlorophenol	6.528	128	280078	43.228	ng		99
9) Benzaldehyde	6.298	77	49448	11.589	ng		98
10) Phenol	6.410	94	319213	40.638	ng	#	81
11) bis(2-Chloroethyl)ether	6.475	93	257281	40.650	ng		96
12) 1,3-Dichlorobenzene	6.675	146	273922	41.703	ng		97
13) 1,4-Dichlorobenzene	6.751	146	279891	42.063	ng		99
14) 1,2-Dichlorobenzene	6.904	146	257271	42.941	ng		98
15) Benzyl Alcohol	6.892	79	222422	44.622	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.010	45	469422	41.009	ng		62
17) 2-Methylphenol	7.010	107	215657	38.449	ng		96
18) Hexachloroethane	7.234	117	108799	45.096	ng		92
19) n-Nitroso-di-n-propyla...	7.157	70	186006	40.129	ng		100
20) 3+4-Methylphenols	7.163	107	279261	39.938	ng		93
22) Acetophenone	7.151	105	377524	42.002	ng	#	97
24) Nitrobenzene	7.328	77	296961	41.523	ng		99
25) Isophorone	7.563	82	553972	41.208	ng		98
26) 2-Nitrophenol	7.639	139	152391	43.663	ng		98
27) 2,4-Dimethylphenol	7.686	122	232015	40.381	ng		97
28) bis(2-Chloroethoxy)met...	7.769	93	335354	41.888	ng		99
29) 2,4-Dichlorophenol	7.886	162	232592	43.198	ng		98
30) 1,2,4-Trichlorobenzene	7.957	180	239077	43.413	ng		99
31) Naphthalene	8.039	128	788825	41.265	ng		99
32) Benzoic acid	7.851	122	140613	36.155	ng		92
33) 4-Chloroaniline	8.098	127	168192	20.142	ng		99
34) Hexachlorobutadiene	8.145	225	142084	43.589	ng		97
35) Caprolactam	8.486	113	73318m	39.832	ng		
36) 4-Chloro-3-methylphenol	8.598	107	248303	41.584	ng		98
37) 2-Methylnaphthalene	8.728	142	489653	38.878	ng		100
38) 1-Methylnaphthalene	8.828	142	466790	40.184	ng		99
40) 1,2,4,5-Tetrachloroben...	8.898	216	244740	47.435	ng		99
41) Hexachlorocyclopentadiene	8.875	237	82864	78.761	ng		96
43) 2,4,6-Trichlorophenol	9.022	196	160074	48.145	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	162309	41.972	ng	99
46) 1,1'-Biphenyl	9.198	154	652522	47.492	ng	98
47) 2-Chloronaphthalene	9.222	162	482538	48.731	ng	99
48) 2-Nitroaniline	9.333	65	175915	45.008	ng	98
49) Acenaphthylene	9.639	152	724169	44.192	ng	99
50) Dimethylphthalate	9.504	163	558196	46.100	ng	99
51) 2,6-Dinitrotoluene	9.580	165	120534	46.291	ng	97
52) Acenaphthene	9.810	154	410946	41.840	ng	99
53) 3-Nitroaniline	9.751	138	101564	31.819	ng	95
54) 2,4-Dinitrophenol	9.880	184	99415	91.466	ng	95
55) Dibenzofuran	9.986	168	718151	48.458	ng	98
56) 4-Nitrophenol	9.945	139	100921	69.762	ng	96
57) 2,4-Dinitrotoluene	9.998	165	175155	52.875	ng	92
58) Fluorene	10.327	166	499689	43.069	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	133663	45.737	ng	97
60) Diethylphthalate	10.210	149	518937	41.981	ng	99
61) 4-Chlorophenyl-phenyle...	10.316	204	238968	42.616	ng	98
62) 4-Nitroaniline	10.380	138	120926	41.176	ng	96
63) Azobenzene	10.480	77	493003	41.051	ng	98
65) 4,6-Dinitro-2-methylph...	10.416	198	75251	44.184	ng	84
66) n-Nitrosodiphenylamine	10.445	169	441387	42.792	ng	100
67) 4-Bromophenyl-phenylether	10.810	248	153913	45.307	ng	98
68) Hexachlorobenzene	10.880	284	159397	46.087	ng	99
69) Atrazine	10.980	200	139715	49.798	ng	97
70) Pentachlorophenol	11.086	266	101777	74.611	ng	98
71) Phenanthrene	11.298	178	701906	43.296	ng	99
72) Anthracene	11.351	178	717910	42.735	ng	100
73) Carbazole	11.516	167	724111	46.218	ng	99
74) Di-n-butylphthalate	11.833	149	850607	44.219	ng	99
75) Fluoranthene	12.492	202	803808	44.674	ng	98
77) Benzidine	12.621	184	132409	27.633	ng	98
78) Pyrene	12.727	202	794131	45.508	ng	98
80) Butylbenzylphthalate	13.345	149	347129	45.268	ng	95
81) Benzo(a)anthracene	13.927	228	643800	44.634	ng	100
82) 3,3'-Dichlorobenzidine	13.886	252	161895	33.843	ng	97
83) Chrysene	13.962	228	592996	42.446	ng	99
84) Bis(2-ethylhexyl)phtha...	13.904	149	475483	45.750	ng	99
85) Di-n-octyl phthalate	14.521	149	723105	43.877	ng	98
87) Indeno(1,2,3-cd)pyrene	16.921	276	535077	52.060	ng	98
88) Benzo(b)fluoranthene	14.980	252	544436	51.571	ng	98
89) Benzo(k)fluoranthene	15.009	252	447595	43.671	ng	99
90) Benzo(a)pyrene	15.351	252	420472	42.356	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	442495	52.517	ng	98
92) Benzo(g,h,i)perylene	17.368	276	430717	49.765	ng	97

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

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