Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092623\
Data File : BF135451.D
Acq On : 26 Sep 2023 14:21
Operator : CG\JU
Sample : 04566-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CPT102-06MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023

Quant Time: Sep 27 02:11:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 26 01:36:36 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.751	152	155985	20.000	ng		0.00
21) Naphthalene-d8	8.034	136	600884	20.000	ng	#	0.00
39) Acenaphthene-d10	9.792	164	296934	20.000	ng		0.00
64) Phenanthrene-d10	11.286	188	510821	20.000	ng		0.00
76) Chrysene-d12	13.939	240	247856	20.000	ng	#	0.00
86) Perylene-d12	15.404	264	340098	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.398	112	912305	95.126	ng		0.02
7) Phenol-d6	6.404	99	1204355	98.759	ng		0.00
23) Nitrobenzene-d5	7.322	82	752598	68.047	ng		0.00
42) 2,4,6-Tribromophenol	10.592	330	267979	90.816	ng		0.00
45) 2-Fluorobiphenyl	9.116	172	1234438	62.722	ng		0.00
79) Terphenyl-d14	12.874	244	887657	55.518	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.557	88	215876	51.347	ng		92
3) Pyridine	3.299	79	543670	48.047	ng		97
4) n-Nitrosodimethylamine	3.269	42	301419	50.198	ng		91
6) Aniline	6.422	93	371148	23.209	ng	#	21
8) 2-Chlorophenol	6.545	128	510768	49.890	ng		98
9) Benzaldehyde	6.310	77	127461	18.347	ng		98
10) Phenol	6.416	94	610599	45.662	ng		98
11) bis(2-Chloroethyl)ether	6.498	93	504037	50.250	ng		97
12) 1,3-Dichlorobenzene	6.692	146	497630	47.827	ng		99
13) 1,4-Dichlorobenzene	6.775	146	505833	47.784	ng		99
14) 1,2-Dichlorobenzene	6.922	146	478903	48.716	ng		98
15) Benzyl Alcohol	6.904	79	416232	47.564	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.034	45	908704	48.062	ng		87
17) 2-Methylphenol	7.022	107	417296	46.189	ng		96
18) Hexachloroethane	7.257	117	192361	49.180	ng		89
19) n-Nitroso-di-n-propyla...	7.175	70	325884	43.143	ng		98
20) 3+4-Methylphenols	7.175	107	481248	44.298	ng	#	82
22) Acetophenone	7.169	105	644714	46.930	ng		96
24) Nitrobenzene	7.339	77	536156	49.046	ng		99
25) Isophorone	7.581	82	978686	48.190	ng		98
26) 2-Nitrophenol	7.657	139	271325	51.714	ng		94
27) 2,4-Dimethylphenol	7.698	122	402769	45.671	ng		96
28) bis(2-Chloroethoxy)met...	7.792	93	619224	50.941	ng		99
29) 2,4-Dichlorophenol	7.904	162	399243	48.856	ng		98
30) 1,2,4-Trichlorobenzene	7.975	180	412353	48.277	ng		98
31) Naphthalene	8.057	128	1404820	48.118	ng		99
32) Benzoic acid	7.839	122	260016	39.155	ng		99
33) 4-Chloroaniline	8.110	127	193139	15.078	ng		100
34) Hexachlorobutadiene	8.169	225	227851	44.241	ng		98
35) Caprolactam	8.486	113	132633m	48.361	ng		
36) 4-Chloro-3-methylphenol	8.610	107	437783	48.202	ng		96
37) 2-Methylnaphthalene	8.751	142	863522	44.001	ng		99
38) 1-Methylnaphthalene	8.851	142	835351	45.465	ng		100
40) 1,2,4,5-Tetrachloroben...	8.916	216	402927	46.839	ng		99
41) Hexachlorocyclopentadiene	8.898	237	180895	50.703	ng		100
43) 2,4,6-Trichlorophenol	9.033	196	267761	47.540	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.080	196	290495	44.786	ng		97
46) 1,1'-Biphenyl	9.216	154	1062413	46.558	ng		98
47) 2-Chloronaphthalene	9.239	162	798215	48.212	ng		99
48) 2-Nitroaniline	9.345	65	317542	49.368	ng		99
49) Acenaphthylene	9.657	152	1304487	47.409	ng		99
50) Dimethylphthalate	9.522	163	935105	46.579	ng		100
51) 2,6-Dinitrotoluene	9.592	165	210370	47.834	ng	#	82
52) Acenaphthene	9.828	154	757524	46.603	ng		97
53) 3-Nitroaniline	9.757	138	136295	26.401	ng		95
54) 2,4-Dinitrophenol	9.875	184	151097	62.040	ng		94
55) Dibenzofuran	10.004	168	1082767	43.652	ng		98
56) 4-Nitrophenol	9.939	139	282724	86.170	ng		96
57) 2,4-Dinitrotoluene	9.998	165	234876	42.660	ng		86
58) Fluorene	10.345	166	844047	44.263	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.127	232	231677	46.433	ng		97
60) Diethylphthalate	10.222	149	899425	44.641	ng		99
61) 4-Chlorophenyl-phenyle...	10.333	204	387660	42.321	ng		97
62) 4-Nitroaniline	10.380	138	210266	42.372	ng		95
63) Azobenzene	10.498	77	922937	46.805	ng		98
65) 4,6-Dinitro-2-methylph...	10.410	198	114023	42.026	ng		97
66) n-Nitrosodiphenylamine	10.463	169	770862	49.846	ng		99
67) 4-Bromophenyl-phenylether	10.827	248	245485	48.319	ng		97
68) Hexachlorobenzene	10.892	284	255706	49.404	ng	#	90
69) Atrazine	10.992	200	232737	55.931	ng		98
70) Pentachlorophenol	11.098	266	228280	73.717	ng		99
71) Phenanthrene	11.310	178	1190412	49.273	ng		98
72) Anthracene	11.363	178	1205172	48.530	ng		100
73) Carbazole	11.522	167	1107320	48.982	ng		99
74) Di-n-butylphthalate	11.851	149	1291107	48.468	ng		99
75) Fluoranthene	12.504	202	1056701	41.976	ng		98
77) Benzidine	12.633	184	281020	55.343	ng		99
78) Pyrene	12.733	202	1034339	43.832	ng		100
80) Butylbenzylphthalate	13.357	149	392589	47.252	ng		96
81) Benzo(a)anthracene	13.933	228	784264	49.002	ng		99
82) 3,3'-Dichlorobenzidine	13.892	252	207634	41.534	ng	#	98
83) Chrysene	13.968	228	764135	48.021	ng		100
84) Bis(2-ethylhexyl)phtha...	13.921	149	476789	55.923	ng		99
85) Di-n-octyl phthalate	14.539	149	907274	66.961	ng		98
87) Indeno(1,2,3-cd)pyrene	16.892	276	896731	40.214	ng		96
88) Benzo(b)fluoranthene	14.980	252	898341	48.794	ng	#	97
89) Benzo(k)fluoranthene	15.010	252	772777	42.492	ng	#	97
90) Benzo(a)pyrene	15.351	252	798451	45.477	ng		99
91) Dibenzo(a,h)anthracene	16.904	278	738618	40.482	ng		98
92) Benzo(g,h,i)perylene	17.339	276	665279	34.914	ng		97

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

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