Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
Data File : BF135690.D
Acq On : 10 Oct 2023 17:58
Operator : CG\JU
Sample : PB156020BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 11 03:00:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 02:43:17 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB156020BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.740	152	98245	20.000	ng		0.00
21) Naphthalene-d8	8.016	136	375221	20.000	ng		0.00
39) Acenaphthene-d10	9.775	164	195389	20.000	ng		0.00
64) Phenanthrene-d10	11.275	188	375096	20.000	ng		0.00
76) Chrysene-d12	13.939	240	212409	20.000	ng		0.00
86) Perylene-d12	15.404	264	214042	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	815506	135.007	ng		0.01
7) Phenol-d6	6.398	99	982551	127.923	ng		0.00
23) Nitrobenzene-d5	7.310	82	627940	90.921	ng		0.00
42) 2,4,6-Tribromophenol	10.580	330	266000	136.994	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	1143930	88.330	ng		0.00
79) Terphenyl-d14	12.869	244	1212542	88.493	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.516	88	103239	38.987	ng		99
3) Pyridine	3.275	79	249338	34.986	ng		99
4) n-Nitrosodimethylamine	3.234	42	175495	46.404	ng		93
6) Aniline	6.410	93	297687	29.556	ng	#	19
8) 2-Chlorophenol	6.534	128	309097	47.935	ng		94
9) Benzaldehyde	6.304	77	60906	13.919	ng		99
10) Phenol	6.410	94	358780	42.599	ng		79
11) bis(2-Chloroethyl)ether	6.481	93	296082	46.866	ng		99
12) 1,3-Dichlorobenzene	6.681	146	304480	46.462	ng		97
13) 1,4-Dichlorobenzene	6.757	146	313609	47.037	ng		98
14) 1,2-Dichlorobenzene	6.904	146	289719	46.792	ng		99
15) Benzyl Alcohol	6.898	79	231353	41.975	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.016	45	524967	44.084	ng		59
17) 2-Methylphenol	7.010	107	246991	43.406	ng	#	91
18) Hexachloroethane	7.240	117	117150	47.554	ng		94
19) n-Nitroso-di-n-propyla...	7.157	70	202879	42.644	ng		94
20) 3+4-Methylphenols	7.163	107	308497	45.086	ng	#	76
22) Acetophenone	7.157	105	402695	46.942	ng		94
24) Nitrobenzene	7.328	77	317897	46.570	ng		99
25) Isophorone	7.563	82	578468	45.613	ng		99
26) 2-Nitrophenol	7.645	139	163080	49.776	ng		95
27) 2,4-Dimethylphenol	7.687	122	236899	43.018	ng		98
28) bis(2-Chloroethoxy)met...	7.775	93	357676	47.121	ng		100
29) 2,4-Dichlorophenol	7.892	162	253820	49.741	ng		97
30) 1,2,4-Trichlorobenzene	7.963	180	259854	48.720	ng		99
31) Naphthalene	8.039	128	857610	47.042	ng		100
32) Benzoic acid	7.845	122	172381	41.570	ng		99
33) 4-Chloroaniline	8.098	127	235366	29.426	ng		98
34) Hexachlorobutadiene	8.151	225	151270	47.035	ng		99
35) Caprolactam	8.481	113	87967m	51.365	ng		
36) 4-Chloro-3-methylphenol	8.598	107	276696	48.788	ng		100
37) 2-Methylnaphthalene	8.734	142	548458	44.755	ng		98
38) 1-Methylnaphthalene	8.834	142	522936	45.578	ng		99
40) 1,2,4,5-Tetrachloroben...	8.898	216	262705	46.409	ng		99
41) Hexachlorocyclopentadiene	8.881	237	113999	48.871	ng		97
43) 2,4,6-Trichlorophenol	9.022	196	166102	44.817	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	177173	41.511	ng		98
46) 1,1'-Biphenyl	9.198	154	695023	46.287	ng		98
47) 2-Chloronaphthalene	9.228	162	522118	47.925	ng		100
48) 2-Nitroaniline	9.334	65	202972	47.956	ng		95
49) Acenaphthylene	9.639	152	854215	47.179	ng		100
50) Dimethylphthalate	9.510	163	614715	46.533	ng		99
51) 2,6-Dinitrotoluene	9.581	165	135628	46.866	ng		89
52) Acenaphthene	9.810	154	498102	46.569	ng		96
53) 3-Nitroaniline	9.751	138	117942	34.719	ng		95
54) 2,4-Dinitrophenol	9.875	184	134795	81.888	ng		96
55) Dibenzofuran	9.986	168	735779	45.079	ng		97
56) 4-Nitrophenol	9.939	139	139307	64.525	ng		99
57) 2,4-Dinitrotoluene	9.992	165	168413	46.485	ng	#	91
58) Fluorene	10.333	166	591151	47.112	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	154141	46.948	ng		98
60) Diethylphthalate	10.210	149	624672	47.118	ng		99
61) 4-Chlorophenyl-phenyle...	10.322	204	277920	46.109	ng		99
62) 4-Nitroaniline	10.375	138	147318	45.116	ng		98
63) Azobenzene	10.486	77	600084	46.248	ng		99
65) 4,6-Dinitro-2-methylph...	10.410	198	92514	46.437	ng		87
66) n-Nitrosodiphenylamine	10.445	169	543774	47.885	ng		100
67) 4-Bromophenyl-phenylether	10.816	248	175984	47.173	ng		97
68) Hexachlorobenzene	10.880	284	189974	49.985	ng	#	89
69) Atrazine	10.980	200	171255	56.047	ng		100
70) Pentachlorophenol	11.086	266	144599	63.590	ng		99
71) Phenanthrene	11.298	178	862623	48.625	ng		98
72) Anthracene	11.351	178	876440	48.063	ng		99
73) Carbazole	11.516	167	829417	49.965	ng		99
74) Di-n-butylphthalate	11.839	149	980490	50.126	ng		99
75) Fluoranthene	12.498	202	924763	50.027	ng		98
77) Benzidine	12.627	184	280860	64.542	ng		99
78) Pyrene	12.727	202	933284	46.150	ng		100
80) Butylbenzylphthalate	13.345	149	366395	51.459	ng		95
81) Benzo(a)anthracene	13.927	228	680119	49.586	ng		100
82) 3,3'-Dichlorobenzidine	13.886	252	193870	45.252	ng	#	99
83) Chrysene	13.963	228	636018	46.640	ng		100
84) Bis(2-ethylhexyl)phtha...	13.910	149	442690	60.588	ng		99
85) Di-n-octyl phthalate	14.527	149	650034	55.982	ng		100
87) Indeno(1,2,3-cd)pyrene	16.904	276	639212	45.547	ng		99
88) Benzo(b)fluoranthene	14.980	252	570655	49.250	ng		99
89) Benzo(k)fluoranthene	15.010	252	539325	47.120	ng		99
90) Benzo(a)pyrene	15.345	252	512153	46.350	ng		99
91) Dibenzo(a,h)anthracene	16.909	278	529041	46.072	ng		99
92) Benzo(g,h,i)perylene	17.351	276	536864	44.767	ng		99

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

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