Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
Data File : BF135679.D
Acq On : 10 Oct 2023 11:47
Operator : CG\JU
Sample : PB156189BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 11 02:45:51 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 :
PB156189BS

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	94580	20.000	ng		0.00
21) Naphthalene-d8	8.016	136	364886	20.000	ng		0.00
39) Acenaphthene-d10	9.781	164	188172	20.000	ng		0.00
64) Phenanthrene-d10	11.275	188	360700	20.000	ng		0.00
76) Chrysene-d12	13.939	240	185608	20.000	ng		0.00
86) Perylene-d12	15.404	264	198650	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	863451	148.484	ng		0.02
7) Phenol-d6	6.398	99	1042704	141.015	ng		0.00
23) Nitrobenzene-d5	7.310	82	667846	99.438	ng		0.00
42) 2,4,6-Tribromophenol	10.581	330	269328	144.028	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	1206828	96.761	ng		0.00
79) Terphenyl-d14	12.869	244	1212559	101.273	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.516	88	134462	52.746	ng		97
3) Pyridine	3.275	79	286529	41.762	ng		97
4) n-Nitrosodimethylamine	3.234	42	203073	55.777	ng		92
6) Aniline	6.410	93	331826	34.222	ng	#	8
8) 2-Chlorophenol	6.534	128	342104	55.110	ng		94
9) Benzaldehyde	6.298	77	119608	28.395	ng		99
10) Phenol	6.410	94	399149	49.228	ng		83
11) bis(2-Chloroethyl)ether	6.481	93	325657	53.545	ng		100
12) 1,3-Dichlorobenzene	6.681	146	341093	54.066	ng		98
13) 1,4-Dichlorobenzene	6.757	146	347841	54.193	ng		99
14) 1,2-Dichlorobenzene	6.904	146	315753	52.973	ng		98
15) Benzyl Alcohol	6.893	79	268741	50.648	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	589567	51.428	ng		59
17) 2-Methylphenol	7.010	107	268217	48.962	ng	#	90
18) Hexachloroethane	7.240	117	127775	53.877	ng		93
19) n-Nitroso-di-n-propyla...	7.157	70	227461	49.664	ng		94
20) 3+4-Methylphenols	7.163	107	336975	51.156	ng	#	76
22) Acetophenone	7.151	105	449927	53.934	ng	#	91
24) Nitrobenzene	7.328	77	353270	53.217	ng		99
25) Isophorone	7.563	82	641082	51.982	ng		97
26) 2-Nitrophenol	7.645	139	181394	56.935	ng		95
27) 2,4-Dimethylphenol	7.687	122	263978	49.293	ng		99
28) bis(2-Chloroethoxy)met...	7.775	93	396199	53.675	ng		100
29) 2,4-Dichlorophenol	7.887	162	276846	55.790	ng		99
30) 1,2,4-Trichlorobenzene	7.963	180	282910	54.545	ng		100
31) Naphthalene	8.040	128	951706	53.682	ng		99
32) Benzoic acid	7.845	122	194475	48.226	ng		96
33) 4-Chloroaniline	8.098	127	206835	26.591	ng		98
34) Hexachlorobutadiene	8.151	225	167172	53.452	ng		99
35) Caprolactam	8.481	113	85205m	51.161	ng		
36) 4-Chloro-3-methylphenol	8.598	107	301924	54.744	ng		99
37) 2-Methylnaphthalene	8.734	142	606457	50.889	ng		98
38) 1-Methylnaphthalene	8.834	142	576426	51.663	ng		99
40) 1,2,4,5-Tetrachloroben...	8.904	216	291137	53.405	ng		99
41) Hexachlorocyclopentadiene	8.881	237	137158	59.213	ng		98
43) 2,4,6-Trichlorophenol	9.022	196	183071	51.290	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	194523	47.324	ng		98
46) 1,1'-Biphenyl	9.198	154	776085	53.668	ng		98
47) 2-Chloronaphthalene	9.228	162	574791	54.783	ng		99
48) 2-Nitroaniline	9.334	65	223625	54.862	ng		97
49) Acenaphthylene	9.639	152	928084	53.225	ng		99
50) Dimethylphthalate	9.510	163	673581	52.945	ng		100
51) 2,6-Dinitrotoluene	9.581	165	150902	54.144	ng		89
52) Acenaphthene	9.816	154	549793	53.373	ng		96
53) 3-Nitroaniline	9.751	138	110566	33.796	ng		97
54) 2,4-Dinitrophenol	9.875	184	143847	90.064	ng		98
55) Dibenzofuran	9.986	168	799550	50.865	ng		97
56) 4-Nitrophenol	9.939	139	158794	76.372	ng		96
57) 2,4-Dinitrotoluene	9.992	165	187601	53.767	ng		94
58) Fluorene	10.333	166	643993	53.292	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	164140	51.911	ng		97
60) Diethylphthalate	10.210	149	671154	52.565	ng		99
61) 4-Chlorophenyl-phenyle...	10.322	204	302780	52.160	ng		98
62) 4-Nitroaniline	10.375	138	160763	51.121	ng		99
63) Azobenzene	10.486	77	661288	52.920	ng		98
65) 4,6-Dinitro-2-methylph...	10.410	198	99023	51.688	ng		85
66) n-Nitrosodiphenylamine	10.451	169	588106	53.856	ng		99
67) 4-Bromophenyl-phenylether	10.816	248	186411	51.962	ng		98
68) Hexachlorobenzene	10.881	284	204891	56.061	ng	#	89
69) Atrazine	10.980	200	183904	62.589	ng		99
70) Pentachlorophenol	11.086	266	161668	73.934	ng		95
71) Phenanthrene	11.298	178	936081	54.871	ng		99
72) Anthracene	11.351	178	949252	54.134	ng		100
73) Carbazole	11.516	167	897639	56.233	ng		99
74) Di-n-butylphthalate	11.839	149	1048329	55.733	ng		99
75) Fluoranthene	12.498	202	975270	54.865	ng		99
77) Benzidine	12.627	184	345396	90.833	ng		98
78) Pyrene	12.727	202	983949	55.681	ng		99
80) Butylbenzylphthalate	13.345	149	365286	58.711	ng		96
81) Benzo(a)anthracene	13.927	228	681358	56.850	ng		100
82) 3,3'-Dichlorobenzidine	13.886	252	190449	50.873	ng	#	97
83) Chrysene	13.963	228	640038	53.712	ng		100
84) Bis(2-ethylhexyl)phtha...	13.910	149	424910	66.552	ng		99
85) Di-n-octyl phthalate	14.527	149	630268	62.117	ng		100
87) Indeno(1,2,3-cd)pyrene	16.910	276	714018	54.820	ng		99
88) Benzo(b)fluoranthene	14.980	252	580536	53.985	ng		100
89) Benzo(k)fluoranthene	15.010	252	542259	51.047	ng		99
90) Benzo(a)pyrene	15.345	252	521657	50.868	ng		99
91) Dibenzo(a,h)anthracene	16.910	278	582222	54.632	ng		99
92) Benzo(g,h,i)perylene	17.351	276	583043	52.385	ng		99

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

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