Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
Data File : BF135423.D
Acq On : 25 Sep 2023 13:11
Operator : CG\JU
Sample : PB155762BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 26 01:39:56 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

Instrument :
BNA_F
ClientSampleId :
PB155762BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/26/2023
Supervised By :Jagrut Upadhyay 09/26/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.751	152	186040	20.000	ng		0.00
21) Naphthalene-d8	8.033	136	704566	20.000	ng	#	0.00
39) Acenaphthene-d10	9.792	164	343508	20.000	ng		0.00
64) Phenanthrene-d10	11.286	188	630317	20.000	ng	#	0.00
76) Chrysene-d12	13.945	240	349730	20.000	ng		0.00
86) Perylene-d12	15.403	264	292246	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.398	112	1385927	121.164	ng		0.02
7) Phenol-d6	6.410	99	1756194	120.745	ng		0.00
23) Nitrobenzene-d5	7.322	82	1153713	88.963	ng		0.00
42) 2,4,6-Tribromophenol	10.592	330	362303	106.134	ng		0.00
45) 2-Fluorobiphenyl	9.116	172	1824291	80.125	ng		0.00
79) Terphenyl-d14	12.880	244	1768469	78.388	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.557	88	215447	42.966	ng		94
3) Pyridine	3.316	79	565348	41.891	ng		93
4) n-Nitrosodimethylamine	3.269	42	350672	48.966	ng		93
6) Aniline	6.422	93	522252	27.382	ng	#	12
8) 2-Chlorophenol	6.545	128	573371	46.957	ng		96
9) Benzaldehyde	6.310	77	212221	25.613	ng		98
10) Phenol	6.422	94	642928	40.312	ng		87
11) bis(2-Chloroethyl)ether	6.498	93	559186	46.742	ng		99
12) 1,3-Dichlorobenzene	6.692	146	559109	45.055	ng		98
13) 1,4-Dichlorobenzene	6.769	146	563228	44.611	ng		99
14) 1,2-Dichlorobenzene	6.922	146	532451	45.413	ng		98
15) Benzyl Alcohol	6.904	79	470238	45.055	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.033	45	1012558	44.903	ng		91
17) 2-Methylphenol	7.022	107	452867	42.028	ng		95
18) Hexachloroethane	7.257	117	216868	46.488	ng		91
19) n-Nitroso-di-n-propyla...	7.175	70	355247	39.433	ng		96
20) 3+4-Methylphenols	7.175	107	513946	39.666	ng	#	85
22) Acetophenone	7.169	105	712630	44.240	ng		99
24) Nitrobenzene	7.339	77	589775	46.012	ng		99
25) Isophorone	7.580	82	1100024	46.193	ng		97
26) 2-Nitrophenol	7.657	139	304657	49.522	ng		93
27) 2,4-Dimethylphenol	7.698	122	495771	47.944	ng		96
28) bis(2-Chloroethoxy)met...	7.786	93	677046	47.502	ng		99
29) 2,4-Dichlorophenol	7.898	162	439955	45.916	ng		99
30) 1,2,4-Trichlorobenzene	7.974	180	460714	46.002	ng		98
31) Naphthalene	8.057	128	1537945	44.926	ng		100
32) Benzoic acid	7.845	122	367678	47.219	ng		99
33) 4-Chloroaniline	8.110	127	350223	23.318	ng		99
34) Hexachlorobutadiene	8.169	225	256507	42.475	ng		99
35) Caprolactam	8.492	113	147991m	46.020	ng		
36) 4-Chloro-3-methylphenol	8.610	107	481097	45.176	ng		94
37) 2-Methylnaphthalene	8.751	142	956325	41.559	ng		99
38) 1-Methylnaphthalene	8.845	142	899920	41.771	ng		100
40) 1,2,4,5-Tetrachloroben...	8.916	216	443771	44.592	ng		99
41) Hexachlorocyclopentadiene	8.898	237	283984	66.169	ng		99
43) 2,4,6-Trichlorophenol	9.033	196	292834	44.942	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.080	196	314772	41.949	ng		98
46) 1,1'-Biphenyl	9.216	154	1163026	44.057	ng		99
47) 2-Chloronaphthalene	9.239	162	882472	46.074	ng		99
48) 2-Nitroaniline	9.345	65	344812	46.339	ng		99
49) Acenaphthylene	9.657	152	1365073	42.884	ng		99
50) Dimethylphthalate	9.521	163	1018119	43.838	ng		100
51) 2,6-Dinitrotoluene	9.586	165	227767	44.768	ng		97
52) Acenaphthene	9.827	154	831268	44.206	ng		97
53) 3-Nitroaniline	9.757	138	198914	33.307	ng		97
54) 2,4-Dinitrophenol	9.874	184	231654	80.189	ng		92
55) Dibenzofuran	10.004	168	1157851	40.350	ng		99
56) 4-Nitrophenol	9.939	139	321540	84.714	ng		98
57) 2,4-Dinitrotoluene	9.998	165	259492	40.740	ng	#	84
58) Fluorene	10.345	166	921560	41.776	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.127	232	255077	44.191	ng		98
60) Diethylphthalate	10.221	149	970547	41.640	ng		99
61) 4-Chlorophenyl-phenyle...	10.333	204	419828	39.619	ng		98
62) 4-Nitroaniline	10.380	138	276133	48.101	ng		95
63) Azobenzene	10.498	77	1017035	44.584	ng		97
65) 4,6-Dinitro-2-methylph...	10.416	198	165610	49.468	ng		82
66) n-Nitrosodiphenylamine	10.463	169	849291	44.506	ng		99
67) 4-Bromophenyl-phenylether	10.827	248	268910	42.895	ng		94
68) Hexachlorobenzene	10.892	284	290233	45.444	ng	#	85
69) Atrazine	10.998	200	267273	52.053	ng		98
70) Pentachlorophenol	11.098	266	272988	71.442	ng		99
71) Phenanthrene	11.310	178	1340363	44.962	ng		98
72) Anthracene	11.363	178	1377121	44.941	ng		100
73) Carbazole	11.527	167	1358289	48.693	ng		99
74) Di-n-butylphthalate	11.851	149	1488538	45.286	ng		99
75) Fluoranthene	12.504	202	1454557	46.826	ng		97
77) Benzidine	12.633	184	393168	54.874	ng		98
78) Pyrene	12.739	202	1493864	44.865	ng		100
80) Butylbenzylphthalate	13.356	149	597271	50.947	ng		94
81) Benzo(a)anthracene	13.933	228	1040375	46.069	ng		99
82) 3,3'-Dichlorobenzidine	13.898	252	254077	36.019	ng	#	98
83) Chrysene	13.968	228	1045371	46.559	ng		99
84) Bis(2-ethylhexyl)phtha...	13.921	149	676328	56.219	ng		100
85) Di-n-octyl phthalate	14.539	149	1031160	53.936	ng		100
87) Indeno(1,2,3-cd)pyrene	16.892	276	968914	50.565	ng		96
88) Benzo(b)fluoranthene	14.980	252	870140	55.001	ng	#	97
89) Benzo(k)fluoranthene	15.009	252	746187	47.748	ng	#	98
90) Benzo(a)pyrene	15.345	252	724339	48.011	ng		99
91) Dibenzo(a,h)anthracene	16.903	278	775684	49.475	ng		98
92) Benzo(g,h,i)perylene	17.339	276	850247	51.927	ng		97

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

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