Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
Data File : BF135686.D
Acq On : 10 Oct 2023 15:53
Operator : CG\JU
Sample : PB155781BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 11 02:57:54 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 :
PB155781BS

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	108496	20.000	ng		0.00
21) Naphthalene-d8	8.016	136	430874	20.000	ng		0.00
39) Acenaphthene-d10	9.781	164	220435	20.000	ng		0.00
64) Phenanthrene-d10	11.275	188	423668	20.000	ng		0.00
76) Chrysene-d12	13.933	240	221145	20.000	ng		0.00
86) Perylene-d12	15.404	264	213050	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	793476	118.949	ng		0.02
7) Phenol-d6	6.398	99	959543	113.124	ng		0.00
23) Nitrobenzene-d5	7.310	82	615885	77.658	ng		0.00
42) 2,4,6-Tribromophenol	10.580	330	259077	118.268	ng		0.00
45) 2-Fluorobiphenyl	9.098	172	1123711	76.910	ng		0.00
79) Terphenyl-d14	12.869	244	1163122	81.533	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.534	88	109857	37.567	ng		99
3) Pyridine	3.293	79	247826	31.488	ng		99
4) n-Nitrosodimethylamine	3.246	42	181560	43.472	ng		94
6) Aniline	6.410	93	286304	25.740	ng	#	12
8) 2-Chlorophenol	6.534	128	313660	44.047	ng		93
9) Benzaldehyde	6.298	77	68297	14.134	ng		99
10) Phenol	6.410	94	367666	39.529	ng		80
11) bis(2-Chloroethyl)ether	6.481	93	293551	42.075	ng		96
12) 1,3-Dichlorobenzene	6.681	146	310732	42.936	ng		97
13) 1,4-Dichlorobenzene	6.757	146	315216	42.811	ng		99
14) 1,2-Dichlorobenzene	6.904	146	295001	43.143	ng		99
15) Benzyl Alcohol	6.898	79	240536	39.518	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	537121	40.843	ng		61
17) 2-Methylphenol	7.010	107	247979	39.462	ng	#	92
18) Hexachloroethane	7.240	117	117397	43.152	ng		94
19) n-Nitroso-di-n-propyla...	7.157	70	207449	39.485	ng		92
20) 3+4-Methylphenols	7.163	107	316300	41.859	ng	#	77
22) Acetophenone	7.151	105	413518	41.978	ng	#	91
24) Nitrobenzene	7.328	77	320342	40.866	ng		99
25) Isophorone	7.563	82	595815	40.913	ng		99
26) 2-Nitrophenol	7.645	139	166057	44.138	ng		94
27) 2,4-Dimethylphenol	7.687	122	257855	40.776	ng		98
28) bis(2-Chloroethoxy)met...	7.775	93	362771	41.619	ng		100
29) 2,4-Dichlorophenol	7.887	162	258470	44.110	ng		98
30) 1,2,4-Trichlorobenzene	7.963	180	261445	42.687	ng		100
31) Naphthalene	8.039	128	879571	42.015	ng		99
32) Benzoic acid	7.845	122	178449	37.475	ng		98
33) 4-Chloroaniline	8.098	127	223211	24.302	ng		98
34) Hexachlorobutadiene	8.151	225	155213	42.028	ng		99
35) Caprolactam	8.481	113	86101m	43.781	ng		
36) 4-Chloro-3-methylphenol	8.598	107	284753	43.723	ng		99
37) 2-Methylnaphthalene	8.734	142	548896	39.005	ng		100
38) 1-Methylnaphthalene	8.834	142	524503	39.810	ng		99
40) 1,2,4,5-Tetrachloroben...	8.898	216	265545	41.581	ng		100
41) Hexachlorocyclopentadiene	8.881	237	112325	43.617	ng		99
43) 2,4,6-Trichlorophenol	9.022	196	170991	40.894	ng		97

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44) 2,4,5-Trichlorophenol	9.075	196	182706	37.943	ng		98
46) 1,1'-Biphenyl	9.198	154	697152	41.154	ng		98
47) 2-Chloronaphthalene	9.228	162	526338	42.823	ng		99
48) 2-Nitroaniline	9.334	65	205536	43.044	ng		96
49) Acenaphthylene	9.639	152	844943	41.364	ng		99
50) Dimethylphthalate	9.510	163	626858	42.061	ng		99
51) 2,6-Dinitrotoluene	9.581	165	140982	43.181	ng		92
52) Acenaphthene	9.810	154	508002	42.098	ng		98
53) 3-Nitroaniline	9.751	138	117910	30.766	ng		97
54) 2,4-Dinitrophenol	9.875	184	133586	72.693	ng		99
55) Dibenzofuran	9.986	168	744722	40.443	ng		95
56) 4-Nitrophenol	9.939	139	143217	58.799	ng		97
57) 2,4-Dinitrotoluene	9.992	165	173959	42.560	ng		93
58) Fluorene	10.333	166	603541	42.635	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	153717	41.499	ng		98
60) Diethylphthalate	10.210	149	625020	41.787	ng		100
61) 4-Chlorophenyl-phenyle...	10.322	204	287312	42.251	ng		96
62) 4-Nitroaniline	10.375	138	146855	39.864	ng		97
63) Azobenzene	10.486	77	619280	42.305	ng		99
65) 4,6-Dinitro-2-methylph...	10.410	198	94966	42.203	ng		88
66) n-Nitrosodiphenylamine	10.445	169	546225	42.586	ng		98
67) 4-Bromophenyl-phenylether	10.816	248	174829	41.491	ng		99
68) Hexachlorobenzene	10.880	284	190512	44.380	ng	#	90
69) Atrazine	10.980	200	164091	47.546	ng		99
70) Pentachlorophenol	11.086	266	128879	50.179	ng		98
71) Phenanthrene	11.298	178	868819	43.359	ng		99
72) Anthracene	11.351	178	877445	42.602	ng		100
73) Carbazole	11.516	167	831530	44.349	ng		99
74) Di-n-butylphthalate	11.839	149	984376	44.555	ng		99
75) Fluoranthene	12.498	202	910668	43.616	ng		98
77) Benzidine	12.627	184	171787	37.917	ng		99
78) Pyrene	12.727	202	914245	43.422	ng		99
80) Butylbenzylphthalate	13.345	149	346373	46.725	ng		97
81) Benzo(a)anthracene	13.927	228	638217	44.693	ng		100
82) 3,3'-Dichlorobenzidine	13.886	252	176333	39.533	ng	#	97
83) Chrysene	13.963	228	590820	41.614	ng		100
84) Bis(2-ethylhexyl)phtha...	13.910	149	407744	53.601	ng		100
85) Di-n-octyl phthalate	14.521	149	572359	47.345	ng		100
87) Indeno(1,2,3-cd)pyrene	16.904	276	646866	46.307	ng		99
88) Benzo(b)fluoranthene	14.974	252	533423	46.251	ng		98
89) Benzo(k)fluoranthene	15.004	252	481676	42.279	ng		98
90) Benzo(a)pyrene	15.345	252	471732	42.891	ng		97
91) Dibenzo(a,h)anthracene	16.909	278	527360	46.140	ng		97
92) Benzo(g,h,i)perylene	17.351	276	554677	46.468	ng		99

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

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