Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139961.D
Acq On : 23 Oct 2024 13:36
Operator : RC/JU
Sample : PB164154BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 23 13:59:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB164154BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

10/24/2024
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10/25/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	161665	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	636044	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	355843	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	646570	20.000	ng		0.00
76) Chrysene-d12	14.057	240	335936	20.000	ng		0.00
86) Perylene-d12	15.533	264	357796	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1319109	127.736	ng		0.02
7) Phenol-d6	6.516	99	1685264	126.002	ng		0.00
23) Nitrobenzene-d5	7.451	82	1104799	96.270	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	534646	160.629	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1946395	90.399	ng		0.00
79) Terphenyl-d14	13.004	244	2069951	100.404	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.775	88	189334	39.323	ng		94
3) Pyridine	3.528	79	499060	41.816	ng		95
4) n-Nitrosodimethylamine	3.481	42	277359	43.255	ng		96
6) Aniline	6.551	93	502708	40.329	ng		98
8) 2-Chlorophenol	6.675	128	524066	49.641	ng		98
9) Benzaldehyde	6.440	77	129085	17.156	ng		98
10) Phenol	6.528	94	646060m	46.854	ng		
11) bis(2-Chloroethyl)ether	6.628	93	494832	46.429	ng		99
12) 1,3-Dichlorobenzene	6.834	146	550631	45.436	ng		98
13) 1,4-Dichlorobenzene	6.910	146	559405	46.204	ng		99
14) 1,2-Dichlorobenzene	7.063	146	537705	47.585	ng		98
15) Benzyl Alcohol	7.028	79	478997	48.822	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	831226	45.740	ng		97
17) 2-Methylphenol	7.140	107	436758	48.518	ng		100
18) Hexachloroethane	7.404	117	204069	47.266	ng		97
19) n-Nitroso-di-n-propyla...	7.304	70	376708	46.439	ng		96
20) 3+4-Methylphenols	7.293	107	526338	45.712	ng	#	81
22) Acetophenone	7.298	105	705241	45.269	ng		100
24) Nitrobenzene	7.475	77	573014	45.541	ng		98
25) Isophorone	7.710	82	1030410	47.307	ng		99
26) 2-Nitrophenol	7.787	139	274915	57.917	ng		95
27) 2,4-Dimethylphenol	7.822	122	442007	55.845	ng		99
28) bis(2-Chloroethoxy)met...	7.922	93	616428	46.711	ng		100
29) 2,4-Dichlorophenol	8.028	162	439495	48.750	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	454400	45.551	ng		99
31) Naphthalene	8.192	128	1503638	45.838	ng		100
32) Benzoic acid	7.934	122	344080	49.843	ng		97
33) 4-Chloroaniline	8.240	127	220991	19.757	ng		97
34) Hexachlorobutadiene	8.310	225	292600	46.683	ng		99
35) Caprolactam	8.610	113	147240m	51.365	ng		
36) 4-Chloro-3-methylphenol	8.716	107	483040	48.389	ng		99
37) 2-Methylnaphthalene	8.887	142	950365	47.305	ng		99
38) 1-Methylnaphthalene	8.987	142	894132	45.363	ng		99
40) 1,2,4,5-Tetrachloroben...	9.051	216	449111	46.782	ng		99
41) Hexachlorocyclopentadiene	9.039	237	584487	174.977	ng		100
43) 2,4,6-Trichlorophenol	9.163	196	345841	50.883	ng		100

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44) 2,4,5-Trichlorophenol	9.204	196	347946	49.619	ng		98
46) 1,1'-Biphenyl	9.351	154	1156329	46.679	ng		99
47) 2-Chloronaphthalene	9.375	162	919760	46.100	ng		100
48) 2-Nitroaniline	9.469	65	328006	53.753	ng		93
49) Acenaphthylene	9.792	152	1457542	50.532	ng		99
50) Dimethylphthalate	9.651	163	1104702	49.841	ng		99
51) 2,6-Dinitrotoluene	9.710	165	250701	52.239	ng		97
52) Acenaphthene	9.963	154	1005969	53.913	ng		99
53) 3-Nitroaniline	9.881	138	151706	30.654	ng		93
54) 2,4-Dinitrophenol	9.986	184	273036	132.288	ng	#	1
55) Dibenzofuran	10.139	168	1274548	47.609	ng		98
56) 4-Nitrophenol	10.034	139	408257	107.223	ng		100
57) 2,4-Dinitrotoluene	10.116	165	340646	57.721	ng		96
58) Fluorene	10.481	166	967345	47.441	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	296508	53.938	ng		97
60) Diethylphthalate	10.351	149	1066263	48.995	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	489688	47.555	ng		99
62) 4-Nitroaniline	10.498	138	245826	52.592	ng		98
63) Azobenzene	10.633	77	1095176	47.468	ng		96
65) 4,6-Dinitro-2-methylph...	10.522	198	185801	70.450	ng		92
66) n-Nitrosodiphenylamine	10.592	169	922858	47.689	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	324462	48.711	ng		94
68) Hexachlorobenzene	11.028	284	358709	47.884	ng		96
69) Atrazine	11.116	200	307011	58.567	ng		100
70) Pentachlorophenol	11.216	266	454447	99.955	ng		99
71) Phenanthrene	11.445	178	1451375	47.522	ng		100
72) Anthracene	11.492	178	1468169	49.270	ng		99
73) Carbazole	11.645	167	1291336	46.596	ng		99
74) Di-n-butylphthalate	11.975	149	1560879	48.750	ng		100
75) Fluoranthene	12.627	202	1437108	46.546	ng		99
77) Benzidine	12.745	184	310637	56.235	ng		99
78) Pyrene	12.857	202	1455283	49.490	ng		99
80) Butylbenzylphthalate	13.474	149	485460	55.067	ng		99
81) Benzo(a)anthracene	14.045	228	1088912	49.794	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	218064	34.200	ng		99
83) Chrysene	14.080	228	1013566	50.550	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	568264	57.453	ng		99
85) Di-n-octyl phthalate	14.645	149	968166	53.816	ng		97
87) Indeno(1,2,3-cd)pyrene	17.033	276	1241821	53.950	ng		98
88) Benzo(b)fluoranthene	15.098	252	1073628	49.259	ng		99
89) Benzo(k)fluoranthene	15.133	252	919342	48.910	ng		99
90) Benzo(a)pyrene	15.474	252	972366	54.219	ng		98
91) Dibenzo(a,h)anthracene	17.057	278	1019996	53.119	ng		99
92) Benzo(g,h,i)perylene	17.486	276	938810	48.946	ng		99

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

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