Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080124\
Data File : BF138716.D
Acq On : 01 Aug 2024 10:45
Operator : RC/JU
Sample : PB162312BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 01 11:18:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB162312BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.846	152	87490	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	359981	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	201530	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	342771	20.000	ng		0.00
76) Chrysene-d12	14.010	240	167107	20.000	ng		0.00
86) Perylene-d12	15.474	264	160644	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	701274	123.731	ng		0.02
7) Phenol-d6	6.493	99	928204	121.979	ng		0.00
23) Nitrobenzene-d5	7.416	82	611853	83.100	ng		0.00
42) 2,4,6-Tribromophenol	10.681	330	220738	133.716	ng		0.01
45) 2-Fluorobiphenyl	9.204	172	1072120	79.931	ng		0.00
79) Terphenyl-d14	12.951	244	1016853	101.880	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	83691	33.728	ng		99
3) Pyridine	3.469	79	221468	36.844	ng		97
4) n-Nitrosodimethylamine	3.434	42	165923	46.347	ng		98
6) Aniline	6.510	93	238813	35.191	ng	#	42
8) 2-Chlorophenol	6.634	128	282321	47.345	ng		99
9) Benzaldehyde	6.398	77	282505	61.932	ng		99
10) Phenol	6.504	94	363907	45.421	ng		89
11) bis(2-Chloroethyl)ether	6.587	93	273036	44.285	ng		100
12) 1,3-Dichlorobenzene	6.787	146	285940	42.838	ng		100
13) 1,4-Dichlorobenzene	6.863	146	287165	42.630	ng		99
14) 1,2-Dichlorobenzene	7.016	146	276545	43.927	ng		100
15) Benzyl Alcohol	6.993	79	263520	48.048	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	458873	43.247	ng		69
17) 2-Methylphenol	7.110	107	227416	46.185	ng	#	91
18) Hexachloroethane	7.351	117	110275	43.489	ng		96
19) n-Nitroso-di-n-propyla...	7.263	70	213182	46.384	ng		96
20) 3+4-Methylphenols	7.263	107	292180	46.248	ng	#	84
22) Acetophenone	7.257	105	367479	41.692	ng		98
24) Nitrobenzene	7.434	77	319080	42.588	ng		97
25) Isophorone	7.669	82	577086	45.901	ng		98
26) 2-Nitrophenol	7.745	139	151796	47.092	ng		99
27) 2,4-Dimethylphenol	7.787	122	195391m	50.663	ng		
28) bis(2-Chloroethoxy)met...	7.881	93	344362	44.978	ng		99
29) 2,4-Dichlorophenol	7.992	162	230212	46.453	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	247520	43.279	ng		99
31) Naphthalene	8.151	128	825038	43.542	ng		100
32) Benzoic acid	7.934	122	127317	41.996	ng		99
33) 4-Chloroaniline	8.198	127	180624	28.398	ng		98
34) Hexachlorobutadiene	8.263	225	142370	41.099	ng		98
35) Caprolactam	8.587	113	65514m	44.304	ng		
36) 4-Chloro-3-methylphenol	8.692	107	264508	46.702	ng		98
37) 2-Methylnaphthalene	8.839	142	537314	44.900	ng		100
38) 1-Methylnaphthalene	8.939	142	496738	42.361	ng		99
40) 1,2,4,5-Tetrachloroben...	9.004	216	222133	39.679	ng		98
41) Hexachlorocyclopentadiene	8.992	237	189106	123.475	ng		99
43) 2,4,6-Trichlorophenol	9.122	196	153621	45.006	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	161911	43.390	ng	99
46) 1,1'-Biphenyl	9.304	154	629228	39.866	ng	100
47) 2-Chloronaphthalene	9.334	162	499230	42.528	ng	99
48) 2-Nitroaniline	9.434	65	185749	46.676	ng	99
49) Acenaphthylene	9.745	152	783395	47.054	ng	99
50) Dimethylphthalate	9.610	163	595776	46.234	ng	99
51) 2,6-Dinitrotoluene	9.675	165	132998	45.733	ng	97
52) Acenaphthene	9.922	154	473934	42.347	ng	100
53) 3-Nitroaniline	9.845	138	91279	30.362	ng	100
54) 2,4-Dinitrophenol	9.957	184	133772	99.926	ng	90
55) Dibenzofuran	10.092	168	698823	44.234	ng	100
56) 4-Nitrophenol	10.022	139	170503	94.311	ng	99
57) 2,4-Dinitrotoluene	10.081	165	175354	47.261	ng	94
58) Fluorene	10.434	166	561842	44.659	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	136562	47.870	ng	99
60) Diethylphthalate	10.310	149	563875	46.150	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	269857	43.613	ng	98
62) 4-Nitroaniline	10.463	138	127533	44.639	ng	97
63) Azobenzene	10.586	77	620619	45.798	ng	99
65) 4,6-Dinitro-2-methylph...	10.492	198	102408	48.971	ng	99
66) n-Nitrosodiphenylamine	10.545	169	482084	44.995	ng	100
67) 4-Bromophenyl-phenylether	10.916	248	161628	43.552	ng	97
68) Hexachlorobenzene	10.981	284	165897	43.295	ng	98
69) Atrazine	11.075	200	141846	51.314	ng	99
70) Pentachlorophenol	11.181	266	152085	88.056	ng	97
71) Phenanthrene	11.398	178	797212	45.168	ng	100
72) Anthracene	11.451	178	797028	45.839	ng	100
73) Carbazole	11.604	167	690057	46.000	ng	99
74) Di-n-butylphthalate	11.928	149	839870	49.803	ng	100
75) Fluoranthene	12.586	202	753797	45.748	ng	100
77) Benzidine	12.704	184	89198	22.317	ng	98
78) Pyrene	12.816	202	738578	46.943	ng	99
80) Butylbenzylphthalate	13.427	149	242062	48.044	ng	97
81) Benzo(a)anthracene	13.998	228	547045	47.539	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	99226	33.696	ng	99
83) Chrysene	14.039	228	462385	44.538	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	291193	39.469	ng	100
85) Di-n-octyl phthalate	14.592	149	526858	38.597	ng	98
87) Indeno(1,2,3-cd)pyrene	16.957	276	518849	45.069	ng	98
88) Benzo(b)fluoranthene	15.051	252	470078	47.204	ng	99
89) Benzo(k)fluoranthene	15.080	252	419684	48.675	ng	99
90) Benzo(a)pyrene	15.416	252	416781	49.757	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	414563	43.868	ng	98
92) Benzo(g,h,i)perylene	17.398	276	404734	41.272	ng	98

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

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