Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072424\
Data File : BF138640.D
Acq On : 24 Jul 2024 15:05
Operator : RC/JU
Sample : PB162256BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jul 24 15:49:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB162256BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	83060	20.000	ng		-0.02
21) Naphthalene-d8	8.134	136	340347	20.000	ng		-0.02
39) Acenaphthene-d10	9.892	164	187813	20.000	ng		-0.01
64) Phenanthrene-d10	11.375	188	330524	20.000	ng		-0.01
76) Chrysene-d12	14.010	240	149555	20.000	ng		-0.02
86) Perylene-d12	15.468	264	168394	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	660692	125.978	ng		0.00
7) Phenol-d6	6.493	99	880992	126.276	ng		-0.01
23) Nitrobenzene-d5	7.422	82	580349	83.720	ng		-0.01
42) 2,4,6-Tribromophenol	10.681	330	229634	130.823	ng		-0.01
45) 2-Fluorobiphenyl	9.210	172	993548	82.679	ng		-0.02
79) Terphenyl-d14	12.957	244	988982	107.731	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.705	88	82730	35.617	ng		98
3) Pyridine	3.457	79	217751	38.015	ng		97
4) n-Nitrosodimethylamine	3.416	42	165449	44.370	ng		89
6) Aniline	6.516	93	227264	34.778	ng	#	34
8) 2-Chlorophenol	6.640	128	269744	48.642	ng		98
9) Benzaldehyde	6.404	77	22008	5.893	ng		96
10) Phenol	6.510	94	342507	46.251	ng		87
11) bis(2-Chloroethyl)ether	6.593	93	263811	47.316	ng		97
12) 1,3-Dichlorobenzene	6.793	146	273253	43.837	ng		97
13) 1,4-Dichlorobenzene	6.869	146	278740	44.035	ng		98
14) 1,2-Dichlorobenzene	7.022	146	268172	45.488	ng		98
15) Benzyl Alcohol	6.998	79	250032	47.754	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	464812	42.393	ng		64
17) 2-Methylphenol	7.110	107	217191	47.788	ng		96
18) Hexachloroethane	7.363	117	106203	45.639	ng		96
19) n-Nitroso-di-n-propyla...	7.269	70	204219	47.372	ng		94
20) 3+4-Methylphenols	7.269	107	266746	46.608	ng	#	90
22) Acetophenone	7.263	105	351729	42.551	ng		98
24) Nitrobenzene	7.440	77	308127	43.740	ng		98
25) Isophorone	7.675	82	548144	46.045	ng		99
26) 2-Nitrophenol	7.751	139	144237	47.772	ng		94
27) 2,4-Dimethylphenol	7.792	122	184215m	49.642	ng		
28) bis(2-Chloroethoxy)met...	7.887	93	326692	45.919	ng		97
29) 2,4-Dichlorophenol	7.998	162	216189	44.863	ng		98
30) 1,2,4-Trichlorobenzene	8.075	180	232410	41.401	ng		98
31) Naphthalene	8.157	128	782523	44.208	ng		100
32) Benzoic acid	7.928	122	115493	32.632	ng		91
33) 4-Chloroaniline	8.204	127	124980	20.123	ng		98
34) Hexachlorobutadiene	8.269	225	137574	39.798	ng		100
35) Caprolactam	8.581	113	67446m	43.374	ng		
36) 4-Chloro-3-methylphenol	8.698	107	252425	46.790	ng		99
37) 2-Methylnaphthalene	8.845	142	502046	44.074	ng		99
38) 1-Methylnaphthalene	8.945	142	462516	41.604	ng		98
40) 1,2,4,5-Tetrachloroben...	9.010	216	208796	39.889	ng		98
41) Hexachlorocyclopentadiene	8.998	237	189749	111.682	ng		99
43) 2,4,6-Trichlorophenol	9.128	196	143219	42.893	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	156215	42.537	ng	#	93
46) 1,1'-Biphenyl	9.310	154	593021	41.664	ng		99
47) 2-Chloronaphthalene	9.339	162	466170	43.354	ng		99
48) 2-Nitroaniline	9.439	65	174398	46.804	ng		99
49) Acenaphthylene	9.751	152	741143	48.548	ng		99
50) Dimethylphthalate	9.616	163	569026	46.855	ng		100
51) 2,6-Dinitrotoluene	9.681	165	124127	44.391	ng		91
52) Acenaphthene	9.922	154	449800	44.325	ng		99
53) 3-Nitroaniline	9.845	138	78999	27.565	ng		88
54) 2,4-Dinitrophenol	9.957	184	121467	80.886	ng		95
55) Dibenzofuran	10.098	168	657710	44.684	ng		99
56) 4-Nitrophenol	10.022	139	169198	80.013	ng		99
57) 2,4-Dinitrotoluene	10.086	165	166584	46.044	ng		91
58) Fluorene	10.439	166	526125	45.175	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	132919	45.861	ng		97
60) Diethylphthalate	10.310	149	546671	46.694	ng		99
61) 4-Chlorophenyl-phenyle...	10.428	204	251898	43.073	ng		93
62) 4-Nitroaniline	10.463	138	125786	43.799	ng		99
63) Azobenzene	10.592	77	597806	47.493	ng		98
65) 4,6-Dinitro-2-methylph...	10.492	198	94717	49.630	ng		83
66) n-Nitrosodiphenylamine	10.551	169	455386	45.986	ng		97
67) 4-Bromophenyl-phenylether	10.922	248	151462	44.585	ng		99
68) Hexachlorobenzene	10.986	284	166936	44.233	ng		96
69) Atrazine	11.075	200	143423	43.684	ng		98
70) Pentachlorophenol	11.180	266	166826	74.703	ng		97
71) Phenanthrene	11.398	178	773279	46.309	ng		100
72) Anthracene	11.451	178	790780	47.707	ng		99
73) Carbazole	11.610	167	666319	44.731	ng		99
74) Di-n-butylphthalate	11.933	149	834624	48.608	ng		99
75) Fluoranthene	12.586	202	739469	43.399	ng		98
77) Benzidine	12.704	184	100172	26.548	ng		98
78) Pyrene	12.816	202	731124	48.158	ng		100
80) Butylbenzylphthalate	13.427	149	248194	54.345	ng		97
81) Benzo(a)anthracene	13.998	228	472992	47.134	ng		100
82) 3,3'-Dichlorobenzidine	13.963	252	81389	31.475	ng	#	97
83) Chrysene	14.039	228	447742	47.164	ng		99
84) Bis(2-ethylhexyl)phtha...	13.980	149	288374	59.205	ng		98
85) Di-n-octyl phthalate	14.592	149	458564	59.596	ng		98
87) Indeno(1,2,3-cd)pyrene	16.939	276	551696	48.775	ng		99
88) Benzo(b)fluoranthene	15.045	252	418702	44.151	ng		99
89) Benzo(k)fluoranthene	15.074	252	424911	45.941	ng		99
90) Benzo(a)pyrene	15.410	252	413324	49.614	ng		99
91) Dibenzo(a,h)anthracene	16.957	278	441129	47.677	ng		100
92) Benzo(g,h,i)perylene	17.380	276	435100	44.347	ng		97

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

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