Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
Data File : BF140826.D
Acq On : 11 Dec 2024 13:50
Operator : RC/JU
Sample : PB165479BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 11 15:19:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB165479BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel

12/12/2024
Supervised By :mohammad ahmed

12/12/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	64155	20.000	ng		-0.02
21) Naphthalene-d8	8.139	136	247154	20.000	ng		-0.02
39) Acenaphthene-d10	9.898	164	137749	20.000	ng		-0.02
64) Phenanthrene-d10	11.392	188	286980	20.000	ng		-0.01
76) Chrysene-d12	14.051	240	186089	20.000	ng		0.00
86) Perylene-d12	15.545	264	130608	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	364436	96.922	ng		0.01
7) Phenol-d6	6.516	99	469388	94.427	ng		0.00
23) Nitrobenzene-d5	7.428	82	444588	92.011	ng		-0.01
42) 2,4,6-Tribromophenol	10.698	330	162117	110.041	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	916110	99.090	ng		-0.02
79) Terphenyl-d14	12.980	244	1190614	99.627	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	63880	40.407	ng		99
3) Pyridine	3.516	79	147173	42.311	ng		100
4) n-Nitrosodimethylamine	3.451	42	92320	45.158	ng		100
6) Aniline	6.528	93	160995	46.014	ng	#	53
8) 2-Chlorophenol	6.657	128	205091	50.699	ng		94
9) Benzaldehyde	6.434	77	1416	0.538	ng		91
10) Phenol	6.528	94	252956	49.828	ng		92
11) bis(2-Chloroethyl)ether	6.598	93	184766	47.562	ng		99
12) 1,3-Dichlorobenzene	6.798	146	213250	46.915	ng		99
13) 1,4-Dichlorobenzene	6.875	146	217924	47.349	ng		100
14) 1,2-Dichlorobenzene	7.028	146	206575	47.899	ng		99
15) Benzyl Alcohol	7.016	79	185948	50.442	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	219093	47.739	ng	#	55
17) 2-Methylphenol	7.128	107	161007	49.721	ng		93
18) Hexachloroethane	7.369	117	82303	47.879	ng		98
19) n-Nitroso-di-n-propyla...	7.281	70	147321	50.147	ng		96
20) 3+4-Methylphenols	7.281	107	210706	50.624	ng		94
22) Acetophenone	7.275	105	286061	47.475	ng		96
24) Nitrobenzene	7.445	77	220685	44.191	ng		99
25) Isophorone	7.692	82	399424	49.561	ng		99
26) 2-Nitrophenol	7.763	139	108761	49.144	ng		100
27) 2,4-Dimethylphenol	7.804	122	188338m	71.127	ng		
28) bis(2-Chloroethoxy)met...	7.892	93	234365	47.735	ng		99
29) 2,4-Dichlorophenol	8.016	162	173205	49.365	ng		98
30) 1,2,4-Trichlorobenzene	8.081	180	185720	46.359	ng		100
31) Naphthalene	8.163	128	594536	46.701	ng		99
32) Benzoic acid	7.963	122	125225	53.394	ng		99
33) 4-Chloroaniline	8.222	127	130629	34.271	ng		98
34) Hexachlorobutadiene	8.275	225	125381	47.252	ng		99
35) Caprolactam	8.610	113	53629m	49.390	ng		
36) 4-Chloro-3-methylphenol	8.716	107	195130	49.671	ng		100
37) 2-Methylnaphthalene	8.857	142	392497	48.541	ng		100
38) 1-Methylnaphthalene	8.957	142	368877	46.541	ng		100
40) 1,2,4,5-Tetrachloroben...	9.022	216	199620	49.501	ng		99
41) Hexachlorocyclopentadiene	9.004	237	94732	102.276	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	127358	50.331	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	131765	47.980	ng		97
46) 1,1'-Biphenyl	9.322	154	497780	48.401	ng		100
47) 2-Chloronaphthalene	9.345	162	376909	48.367	ng		99
48) 2-Nitroaniline	9.451	65	125300	50.093	ng		99
49) Acenaphthylene	9.763	152	597448	50.742	ng		99
50) Dimethylphthalate	9.622	163	469434	51.745	ng		100
51) 2,6-Dinitrotoluene	9.692	165	103889	50.493	ng		98
52) Acenaphthene	9.933	154	369158	49.344	ng		100
53) 3-Nitroaniline	9.869	138	76783	38.156	ng		97
54) 2,4-Dinitrophenol	9.986	184	116534	106.490	ng		97
55) Dibenzofuran	10.110	168	571627	50.093	ng		99
56) 4-Nitrophenol	10.057	139	127790	93.114	ng		99
57) 2,4-Dinitrotoluene	10.104	165	141990	51.926	ng	#	91
58) Fluorene	10.451	166	473633	51.709	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	125036	59.243	ng		92
60) Diethylphthalate	10.322	149	483738	52.481	ng		100
61) 4-Chlorophenyl-phenyle...	10.439	204	232395	51.699	ng		99
62) 4-Nitroaniline	10.492	138	106279m	50.356	ng		
63) Azobenzene	10.604	77	436222	49.975	ng		99
65) 4,6-Dinitro-2-methylph...	10.522	198	82784	56.451	ng		93
66) n-Nitrosodiphenylamine	10.563	169	415915	49.008	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	142761	48.304	ng		95
68) Hexachlorobenzene	11.004	284	160645	46.943	ng		100
69) Atrazine	11.092	200	127803	53.530	ng		98
70) Pentachlorophenol	11.210	266	135328	89.850	ng		99
71) Phenanthrene	11.422	178	692667	50.212	ng		99
72) Anthracene	11.474	178	689907	51.127	ng		100
73) Carbazole	11.633	167	661186	50.934	ng		100
74) Di-n-butylphthalate	11.945	149	774504	51.679	ng		100
75) Fluoranthene	12.610	202	780578	52.116	ng		100
77) Benzidine	12.739	184	71882	13.286	ng		100
78) Pyrene	12.845	202	791731	46.014	ng		99
80) Butylbenzylphthalate	13.451	149	304308	49.095	ng		100
81) Benzo(a)anthracene	14.039	228	626272	50.841	ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	147964	40.007	ng		99
83) Chrysene	14.074	228	546406	48.510	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	358606	45.818	ng		99
85) Di-n-octyl phthalate	14.633	149	462427	43.233	ng		97
87) Indeno(1,2,3-cd)pyrene	17.068	276	465094	54.642	ng		100
88) Benzo(b)fluoranthene	15.110	252	466652	56.883	ng		99
89) Benzo(k)fluoranthene	15.139	252	414629	57.756	ng		100
90) Benzo(a)pyrene	15.480	252	369440	55.386	ng		100
91) Dibenzo(a,h)anthracene	17.074	278	389347	55.855	ng		100
92) Benzo(g,h,i)perylene	17.527	276	379688	53.378	ng		98

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

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