Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
Data File : BF139507.D
Acq On : 20 Sep 2024 17:52
Operator : RC/JU
Sample : P4103-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 20 18:21:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC-22AMSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	71206	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	245793	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	113109	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	188079	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	100035	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	80990	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	511334	117.148	ng	0.02
7) Phenol-d6	6.516	99	652050	113.812	ng	0.01
23) Nitrobenzene-d5	7.445	82	460641	88.104	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	138134	114.712	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	747985	92.748	ng	0.00
79) Terphenyl-d14	12.980	244	666491	109.359	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.769	88	56881	32.481	ng	# 76
3) Pyridine	3.493	79	137372	35.579	ng	98
4) n-Nitrosodimethylamine	3.428	42	116661	34.860	ng	87
6) Aniline	6.587	93	37985m	8.785	ng	
8) 2-Chlorophenol	6.669	128	181130	40.313	ng	98
9) Benzaldehyde	6.428	77	23794	7.188	ng	99
10) Phenol	6.528	94	220387	37.769	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	187804m	42.346	ng	
12) 1,3-Dichlorobenzene	6.822	146	154294	30.195	ng	97
13) 1,4-Dichlorobenzene	6.898	146	156689	30.344	ng	98
14) 1,2-Dichlorobenzene	7.045	146	155389	31.847	ng	98
15) Benzyl Alcohol	7.022	79	164918	36.080	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.151	45	301277	44.079	ng	84
17) 2-Methylphenol	7.140	107	150830	42.252	ng	98
18) Hexachloroethane	7.392	117	55780	28.361	ng	99
19) n-Nitroso-di-n-propyla...	7.293	70	141595	41.706	ng	97
20) 3+4-Methylphenols	7.293	107	197109	40.472	ng	95
22) Acetophenone	7.287	105	258167	40.177	ng	97
24) Nitrobenzene	7.463	77	212092	39.414	ng	98
25) Isophorone	7.698	82	376693	45.556	ng	99
26) 2-Nitrophenol	7.775	139	92852	44.290	ng	92
27) 2,4-Dimethylphenol	7.816	122	154476m	55.860	ng	
28) bis(2-Chloroethoxy)met...	7.904	93	217853	46.228	ng	98
29) 2,4-Dichlorophenol	8.028	162	153323	43.643	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	145133	35.456	ng	98
31) Naphthalene	8.181	128	499571	38.932	ng	100
32) Benzoic acid	7.928	122	99808	38.567	ng	89
33) 4-Chloroaniline	8.275	127	24900	6.343	ng	98
34) Hexachlorobutadiene	8.298	225	93901	33.765	ng	99
35) Caprolactam	8.598	113	43120m	39.901	ng	
36) 4-Chloro-3-methylphenol	8.722	107	163173	40.641	ng	96
37) 2-Methylnaphthalene	8.875	142	326715	40.113	ng	98
38) 1-Methylnaphthalene	8.975	142	302201	37.793	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	155428	46.366	ng	99
41) Hexachlorocyclopentadiene	9.022	237	86325	73.754	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	103684	47.541	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	107187	46.593	ng		97
46) 1,1'-Biphenyl	9.334	154	403144	46.329	ng		99
47) 2-Chloronaphthalene	9.363	162	286768	44.075	ng		99
48) 2-Nitroaniline	9.457	65	113368	46.846	ng		98
49) Acenaphthylene	9.775	152	468755	47.862	ng		99
50) Dimethylphthalate	9.634	163	368299	49.610	ng		100
51) 2,6-Dinitrotoluene	9.698	165	74721	45.434	ng		95
52) Acenaphthene	9.951	154	318245	46.558	ng		100
53) 3-Nitroaniline	9.869	138	37452	22.787	ng		94
54) 2,4-Dinitrophenol	9.975	184	55604	60.676	ng	#	87
55) Dibenzofuran	10.122	168	424399	44.545	ng		95
56) 4-Nitrophenol	10.034	139	106094	78.011	ng	#	83
57) 2,4-Dinitrotoluene	10.104	165	97973	44.125	ng		96
58) Fluorene	10.463	166	326915	42.055	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	88390	46.447	ng		94
60) Diethylphthalate	10.333	149	351534	45.886	ng		98
61) 4-Chlorophenyl-phenyle...	10.457	204	161397	42.722	ng		95
62) 4-Nitroaniline	10.481	138	63145	35.202	ng		90
63) Azobenzene	10.616	77	318658	42.290	ng		95
65) 4,6-Dinitro-2-methylph...	10.510	198	35441	35.703	ng		89
66) n-Nitrosodiphenylamine	10.575	169	267664	48.677	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	90738	48.684	ng		97
68) Hexachlorobenzene	11.010	284	101524	46.413	ng		98
69) Atrazine	11.098	200	59357	45.342	ng		99
70) Pentachlorophenol	11.204	266	131843	100.448	ng		97
71) Phenanthrene	11.428	178	449246	49.509	ng		100
72) Anthracene	11.475	178	451163	50.853	ng		99
73) Carbazole	11.633	167	418600	49.298	ng		99
74) Di-n-butylphthalate	11.957	149	476319	50.356	ng		99
75) Fluoranthene	12.616	202	487126	50.269	ng		99
77) Benzidine	12.745	184	43271	30.192	ng		99
78) Pyrene	12.839	202	490496	57.105	ng		100
80) Butylbenzylphthalate	13.457	149	178858	61.177	ng		98
81) Benzo(a)anthracene	14.027	228	332917	50.242	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	37010	19.072	ng		99
83) Chrysene	14.063	228	309698	50.802	ng		100
84) Bis(2-ethylhexyl)phtha...	14.016	149	210180	56.511	ng		99
85) Di-n-octyl phthalate	14.627	149	292207	53.348	ng	#	98
87) Indeno(1,2,3-cd)pyrene	16.986	276	221703	46.036	ng		97
88) Benzo(b)fluoranthene	15.080	252	242720	48.593	ng		99
89) Benzo(k)fluoranthene	15.110	252	234976	51.021	ng		99
90) Benzo(a)pyrene	15.445	252	220085	53.128	ng		99
91) Dibenzo(a,h)anthracene	17.004	278	186565	46.882	ng		98
92) Benzo(g,h,i)perylene	17.433	276	163763	41.562	ng	#	97

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

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