Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
Data File : BF139297.D
Acq On : 10 Sep 2024 13:59
Operator : RC/JU
Sample : P3905-05MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 10 14:23:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
COMP-1MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/11/2024
Supervised By :mohammad ahmed 09/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	117233	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	441770	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	241730	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	409553	20.000	ng	0.00
76) Chrysene-d12	14.057	240	194189	20.000	ng	0.00
86) Perylene-d12	15.527	264	216112	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	656396	93.665	ng	0.01
7) Phenol-d6	6.516	99	902886	96.509	ng	0.00
23) Nitrobenzene-d5	7.451	82	573357	67.518	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	222150	106.425	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1054484	67.337	ng	0.00
79) Terphenyl-d14	12.998	244	856117	71.182	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	129013	39.532	ng	100
3) Pyridine	3.504	79	333509	42.336	ng	98
4) n-Nitrosodimethylamine	3.469	42	228280	44.625	ng	99
6) Aniline	6.551	93	360337	41.885	ng	97
8) 2-Chlorophenol	6.675	128	355717	48.978	ng	97
9) Benzaldehyde	6.439	77	86560	15.285	ng	99
10) Phenol	6.534	94	470581	47.687	ng	97
11) bis(2-Chloroethyl)ether	6.628	93	339728	48.054	ng	98
12) 1,3-Dichlorobenzene	6.828	146	369564	44.956	ng	98
13) 1,4-Dichlorobenzene	6.904	146	379181	46.083	ng	98
14) 1,2-Dichlorobenzene	7.057	146	359547	46.852	ng	100
15) Benzyl Alcohol	7.028	79	342167	50.152	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	656909	48.811	ng	97
17) 2-Methylphenol	7.139	107	288133	48.567	ng	97
18) Hexachloroethane	7.404	117	138601	47.163	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	272051	50.491	ng	98
20) 3+4-Methylphenols	7.292	107	360211	48.176	ng	96
22) Acetophenone	7.298	105	489952	46.553	ng	99
24) Nitrobenzene	7.475	77	406010	45.046	ng	99
25) Isophorone	7.710	82	722752	49.782	ng	100
26) 2-Nitrophenol	7.786	139	189059	53.406	ng	99
27) 2,4-Dimethylphenol	7.822	122	295187	58.468	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	426455	49.302	ng	99
29) 2,4-Dichlorophenol	8.028	162	298675	49.408	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	315543	45.704	ng	100
31) Naphthalene	8.198	128	1049748	46.923	ng	100
32) Benzoic acid	7.939	122	198875	43.246	ng	99
33) 4-Chloroaniline	8.239	127	122161	15.770	ng	97
34) Hexachlorobutadiene	8.310	225	207408	47.410	ng	99
35) Caprolactam	8.616	113	91673m	48.986	ng	
36) 4-Chloro-3-methylphenol	8.722	107	323655	49.133	ng	98
37) 2-Methylnaphthalene	8.886	142	674628	48.198	ng	99
38) 1-Methylnaphthalene	8.986	142	633751	46.038	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	318453	46.563	ng	98
41) Hexachlorocyclopentadiene	9.039	237	381774	173.695	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	220739	49.329	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.204	196	230711	49.200	ng		99
46)	1,1'-Biphenyl	9.351	154	837465	46.760	ng		100
47)	2-Chloronaphthalene	9.375	162	630163	46.598	ng		100
48)	2-Nitroaniline	9.469	65	233869	50.208	ng		98
49)	Acenaphthylene	9.792	152	1039789	51.049	ng		100
50)	Dimethylphthalate	9.651	163	742667	50.690	ng		99
51)	2,6-Dinitrotoluene	9.716	165	160584	48.313	ng		95
52)	Acenaphthene	9.963	154	725019	53.667	ng		99
53)	3-Nitroaniline	9.880	138	118126	33.356	ng		98
54)	2,4-Dinitrophenol	9.986	184	171455	96.719	ng	#	69
55)	Dibenzofuran	10.133	168	939704	48.517	ng		99
56)	4-Nitrophenol	10.039	139	246359	94.253	ng		98
57)	2,4-Dinitrotoluene	10.116	165	219936	51.988	ng		98
58)	Fluorene	10.480	166	704462	46.911	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.251	232	186561	50.542	ng		99
60)	Diethylphthalate	10.351	149	746269	51.758	ng		99
61)	4-Chlorophenyl-phenyle...	10.469	204	348215	48.083	ng		97
62)	4-Nitroaniline	10.498	138	161489	47.906	ng		99
63)	Azobenzene	10.633	77	807049	53.108	ng		95
65)	4,6-Dinitro-2-methylph...	10.522	198	107537	56.826	ng		97
66)	n-Nitrosodiphenylamine	10.592	169	622491	52.216	ng		100
67)	4-Bromophenyl-phenylether	10.963	248	207103	52.119	ng		97
68)	Hexachlorobenzene	11.022	284	223476	49.127	ng		97
69)	Atrazine	11.116	200	196494	71.441	ng		98
70)	Pentachlorophenol	11.216	266	250881	95.476	ng		98
71)	Phenanthrene	11.439	178	977620	51.097	ng		99
72)	Anthracene	11.492	178	957105	51.210	ng		100
73)	Carbazole	11.645	167	815890	46.707	ng		100
74)	Di-n-butylphthalate	11.974	149	1052237	58.831	ng		99
75)	Fluoranthene	12.627	202	939811	48.996	ng		99
77)	Benzidine	12.751	184	270378	69.149	ng		99
78)	Pyrene	12.857	202	926681	49.400	ng		99
80)	Butylbenzylphthalate	13.474	149	321597	72.825	ng		100
81)	Benzo(a)anthracene	14.045	228	680213	54.856	ng		100
82)	3,3'-Dichlorobenzidine	14.004	252	140406	42.637	ng		99
83)	Chrysene	14.080	228	619632	53.541	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.033	149	408767	78.864	ng		99
85)	Di-n-octyl phthalate	14.651	149	678647	68.388	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.015	276	549748	40.720	ng		98
88)	Benzo(b)fluoranthene	15.098	252	735956	59.133	ng		99
89)	Benzo(k)fluoranthene	15.127	252	576250	51.639	ng		99
90)	Benzo(a)pyrene	15.468	252	626324	59.265	ng		99
91)	Dibenzo(a,h)anthracene	17.033	278	436246	39.210	ng		99
92)	Benzo(g,h,i)perylene	17.462	276	397738	34.633	ng		98

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

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