Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090924\
Data File : BF139285.D
Acq On : 09 Sep 2024 16:17
Operator : RC/JU
Sample : P3888-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 09 16:41:08 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 :
DN-W-02MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/10/2024
Supervised By :mohammad ahmed 09/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	117776	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	434549	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	225077	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	374417	20.000	ng	0.00
76) Chrysene-d12	14.051	240	194850	20.000	ng	0.00
86) Perylene-d12	15.527	264	183785	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	750204	106.558	ng	0.01
7) Phenol-d6	6.516	99	1013074	107.788	ng	0.00
23) Nitrobenzene-d5	7.451	82	647595	77.528	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	221849	114.145	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1113469	76.365	ng	0.00
79) Terphenyl-d14	12.998	244	780668	64.688	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	129171	39.398	ng	98
3) Pyridine	3.499	79	336406	42.507	ng	97
4) n-Nitrosodimethylamine	3.457	42	232986	45.335	ng	99
6) Aniline	6.551	93	404590	46.812	ng	99
8) 2-Chlorophenol	6.675	128	357243	48.961	ng	97
9) Benzaldehyde	6.440	77	90860	15.970	ng	98
10) Phenol	6.534	94	474299	47.843	ng	96
11) bis(2-Chloroethyl)ether	6.628	93	347523	48.930	ng	98
12) 1,3-Dichlorobenzene	6.828	146	377978	45.767	ng	99
13) 1,4-Dichlorobenzene	6.904	146	379534	45.914	ng	99
14) 1,2-Dichlorobenzene	7.057	146	364480	47.276	ng	100
15) Benzyl Alcohol	7.028	79	346002	50.480	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	672016	49.703	ng	98
17) 2-Methylphenol	7.140	107	288849	48.463	ng	98
18) Hexachloroethane	7.404	117	139557	47.270	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	269703	49.824	ng	98
20) 3+4-Methylphenols	7.292	107	360993	48.058	ng	96
22) Acetophenone	7.298	105	490461	47.376	ng	99
24) Nitrobenzene	7.475	77	406956	45.902	ng	99
25) Isophorone	7.710	82	727336	50.931	ng	100
26) 2-Nitrophenol	7.787	139	180787	51.918	ng	99
27) 2,4-Dimethylphenol	7.822	122	293680	59.136	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	420899	49.469	ng	99
29) 2,4-Dichlorophenol	8.028	162	293519	49.362	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	312504	46.016	ng	99
31) Naphthalene	8.192	128	1036112	47.083	ng	99
32) Benzoic acid	7.928	122	159963	35.363	ng	98
33) 4-Chloroaniline	8.239	127	193424	25.385	ng	98
34) Hexachlorobutadiene	8.310	225	202038	46.950	ng	100
35) Caprolactam	8.610	113	85530m	46.463	ng	
36) 4-Chloro-3-methylphenol	8.722	107	316412	48.831	ng	98
37) 2-Methylnaphthalene	8.886	142	671285	48.757	ng	99
38) 1-Methylnaphthalene	8.986	142	624286	46.104	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	311373	48.896	ng	99
41) Hexachlorocyclopentadiene	9.039	237	350207	171.122	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	215546	51.733	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	218482	50.040	ng		99
46) 1,1'-Biphenyl	9.351	154	827107	49.599	ng		100
47) 2-Chloronaphthalene	9.375	162	609167	48.378	ng		99
48) 2-Nitroaniline	9.469	65	224207	51.695	ng		98
49) Acenaphthylene	9.792	152	996565	52.547	ng		99
50) Dimethylphthalate	9.651	163	726371	53.245	ng		100
51) 2,6-Dinitrotoluene	9.710	165	155561	50.265	ng		99
52) Acenaphthene	9.963	154	677248	53.840	ng		99
53) 3-Nitroaniline	9.881	138	118035	35.797	ng		99
54) 2,4-Dinitrophenol	9.986	184	131118	80.782	ng	#	68
55) Dibenzofuran	10.133	168	901516	49.989	ng		99
56) 4-Nitrophenol	10.039	139	203856	83.762	ng		99
57) 2,4-Dinitrotoluene	10.116	165	200556	50.914	ng		98
58) Fluorene	10.480	166	682935	48.843	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	177310	51.590	ng		98
60) Diethylphthalate	10.351	149	733091	54.606	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	335209	49.712	ng		99
62) 4-Nitroaniline	10.492	138	139577	44.469	ng		100
63) Azobenzene	10.628	77	760669	53.759	ng		99
65) 4,6-Dinitro-2-methylph...	10.522	198	91361	52.809	ng		92
66) n-Nitrosodiphenylamine	10.586	169	585880	53.756	ng		100
67) 4-Bromophenyl-phenylether	10.957	248	195345	53.773	ng		98
68) Hexachlorobenzene	11.022	284	212038	50.987	ng		98
69) Atrazine	11.116	200	181531	72.194	ng		100
70) Pentachlorophenol	11.216	266	228156	94.976	ng		99
71) Phenanthrene	11.439	178	887809	50.758	ng		100
72) Anthracene	11.492	178	896302	52.457	ng		100
73) Carbazole	11.645	167	733615	45.938	ng		100
74) Di-n-butylphthalate	11.975	149	1007541	61.618	ng		100
75) Fluoranthene	12.627	202	800600	45.656	ng		99
77) Benzidine	12.751	184	244157	62.231	ng		99
78) Pyrene	12.857	202	788546	41.893	ng		99
80) Butylbenzylphthalate	13.474	149	294004	66.351	ng		99
81) Benzo(a)anthracene	14.045	228	637489	51.237	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	144914	43.857	ng		99
83) Chrysene	14.080	228	585244	50.398	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	375493	72.198	ng		99
85) Di-n-octyl phthalate	14.651	149	634694	63.742	ng		98
87) Indeno(1,2,3-cd)pyrene	17.009	276	442751	38.563	ng		98
88) Benzo(b)fluoranthene	15.098	252	569897	53.845	ng		100
89) Benzo(k)fluoranthene	15.127	252	567383	59.788	ng		100
90) Benzo(a)pyrene	15.468	252	502392	55.900	ng		99
91) Dibenzo(a,h)anthracene	17.027	278	361389	38.195	ng		99
92) Benzo(g,h,i)perylene	17.457	276	321876	32.957	ng		98

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

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