Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139978.D
Acq On : 23 Oct 2024 21:49
Operator : RC/JU
Sample : P4397-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-301-BOTMSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

Quant Time: Oct 24 01:12:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	145043	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	544717	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	274724	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	399778	20.000	ng	0.00
76) Chrysene-d12	14.057	240	304493	20.000	ng	0.00
86) Perylene-d12	15.533	264	305520	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1074370	115.960	ng	0.02
7) Phenol-d6	6.516	99	1355344	112.948	ng	0.00
23) Nitrobenzene-d5	7.451	82	862260	87.733	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	295680	115.065	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1442846	86.799	ng	0.00
79) Terphenyl-d14	12.998	244	1171336	62.684	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.769	88	204291	47.292	ng	94
3) Pyridine	3.522	79	503947	47.065	ng	95
4) n-Nitrosodimethylamine	3.475	42	271640	47.218	ng	95
6) Aniline	6.551	93	362373	32.402	ng	98
8) 2-Chlorophenol	6.675	128	491736	51.916	ng	97
9) Benzaldehyde	6.440	77	128567	19.046	ng	96
10) Phenol	6.528	94	609766m	49.289	ng	
11) bis(2-Chloroethyl)ether	6.628	93	482062	50.415	ng	99
12) 1,3-Dichlorobenzene	6.834	146	532430	48.970	ng	98
13) 1,4-Dichlorobenzene	6.910	146	542367	49.930	ng	98
14) 1,2-Dichlorobenzene	7.063	146	515493	50.848	ng	98
15) Benzyl Alcohol	7.028	79	444990	50.554	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	792774	48.623	ng	97
17) 2-Methylphenol	7.140	107	403735	49.989	ng	99
18) Hexachloroethane	7.404	117	191365	49.403	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	352876	48.487	ng	95
20) 3+4-Methylphenols	7.287	107	493800	47.801	ng	94
22) Acetophenone	7.298	105	664685	49.819	ng	98
24) Nitrobenzene	7.469	77	529532	49.142	ng	99
25) Isophorone	7.710	82	951945	51.032	ng	99
26) 2-Nitrophenol	7.787	139	248802	61.204	ng	96
27) 2,4-Dimethylphenol	7.822	122	396741	58.530	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	568638	50.314	ng	99
29) 2,4-Dichlorophenol	8.028	162	392433	50.828	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	419640	49.120	ng	99
31) Naphthalene	8.192	128	1420023	50.547	ng	99
32) Benzoic acid	7.922	122	255301	43.183	ng	98
33) 4-Chloroaniline	8.239	127	129935	13.564	ng	98
34) Hexachlorobutadiene	8.310	225	274022	51.049	ng	99
35) Caprolactam	8.610	113	118722m	48.360	ng	
36) 4-Chloro-3-methylphenol	8.716	107	409463	47.895	ng	98
37) 2-Methylnaphthalene	8.886	142	876472	50.942	ng	100
38) 1-Methylnaphthalene	8.986	142	813674	48.202	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	409887	55.303	ng	99
41) Hexachlorocyclopentadiene	9.039	237	198824	77.097	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	291428	55.538	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	275272	50.846	ng		99
46) 1,1'-Biphenyl	9.351	154	1003788	52.486	ng		99
47) 2-Chloronaphthalene	9.375	162	779472	50.604	ng		100
48) 2-Nitroaniline	9.469	65	256306	54.406	ng		90
49) Acenaphthylene	9.792	152	1177711	52.886	ng		99
50) Dimethylphthalate	9.651	163	916630	53.567	ng		100
51) 2,6-Dinitrotoluene	9.710	165	192883	52.059	ng		96
52) Acenaphthene	9.963	154	778766	54.060	ng		99
53) 3-Nitroaniline	9.875	138	115993	30.358	ng		96
54) 2,4-Dinitrophenol	9.981	184	103426	68.232	ng	#	1
55) Dibenzofuran	10.133	168	1024790	49.582	ng		99
56) 4-Nitrophenol	10.028	139	281070	95.616	ng		98
57) 2,4-Dinitrotoluene	10.110	165	249070	54.665	ng		97
58) Fluorene	10.475	166	758915	48.209	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	205763	48.483	ng		96
60) Diethylphthalate	10.351	149	845427	50.319	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	388270	48.840	ng		99
62) 4-Nitroaniline	10.486	138	156078	43.251	ng		97
63) Azobenzene	10.628	77	1004048	56.368	ng		94
65) 4,6-Dinitro-2-methylph...	10.516	198	83406	51.148	ng		95
66) n-Nitrosodiphenylamine	10.586	169	690371	57.698	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	237973	57.782	ng		96
68) Hexachlorobenzene	11.022	284	246849	53.293	ng		99
69) Atrazine	11.110	200	217789	67.194	ng		99
70) Pentachlorophenol	11.216	266	281865	100.268	ng		99
71) Phenanthrene	11.439	178	1078344	57.104	ng		100
72) Anthracene	11.492	178	1021269	55.429	ng		100
73) Carbazole	11.645	167	855533	49.928	ng		99
74) Di-n-butylphthalate	11.975	149	1121037	56.626	ng		100
75) Fluoranthene	12.627	202	1032153	54.068	ng		99
77) Benzidine	12.745	184	267220	53.370	ng		99
78) Pyrene	12.857	202	1096357	41.134	ng		100
80) Butylbenzylphthalate	13.474	149	451808	56.542	ng		99
81) Benzo(a)anthracene	14.045	228	1061721	53.564	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	245824	42.535	ng		99
83) Chrysene	14.080	228	994000	54.694	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	620274	69.187	ng		99
85) Di-n-octyl phthalate	14.645	149	1132521	69.452	ng		97
87) Indeno(1,2,3-cd)pyrene	17.027	276	699702	35.599	ng		98
88) Benzo(b)fluoranthene	15.098	252	1128273	60.624	ng		99
89) Benzo(k)fluoranthene	15.127	252	879963	54.825	ng		99
90) Benzo(a)pyrene	15.468	252	886606	57.896	ng		99
91) Dibenzo(a,h)anthracene	17.045	278	586803	35.788	ng		99
92) Benzo(g,h,i)perylene	17.474	276	500438	30.555	ng		99

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

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