Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
Data File : BF139692.D
Acq On : 07 Oct 2024 17:59
Operator : RC/JU
Sample : P4290-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IB-4MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/09/2024

Quant Time: Oct 07 18:28:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	90675	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	344947	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	202594	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	387701	20.000	ng		0.00
76) Chrysene-d12	14.033	240	209779	20.000	ng		0.00
86) Perylene-d12	15.498	264	190896	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	500766	95.721	ng		0.00
7) Phenol-d6	6.504	99	678023	96.375	ng		0.00
23) Nitrobenzene-d5	7.428	82	445033	65.321	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	190239	97.273	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	856823	64.927	ng		0.00
79) Terphenyl-d14	12.974	244	961754	75.226	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	104820	46.344	ng		99
3) Pyridine	3.463	79	239758	43.586	ng		97
4) n-Nitrosodimethylamine	3.422	42	167715	46.579	ng		96
6) Aniline	6.528	93	259699	41.599	ng	#	83
8) 2-Chlorophenol	6.651	128	271667	48.469	ng		99
9) Benzaldehyde	6.416	77	88574	23.767	ng		98
10) Phenol	6.516	94	360947	48.792	ng		98
11) bis(2-Chloroethyl)ether	6.604	93	268088	44.509	ng		99
12) 1,3-Dichlorobenzene	6.804	146	283427	44.950	ng		99
13) 1,4-Dichlorobenzene	6.881	146	285645	44.729	ng		100
14) 1,2-Dichlorobenzene	7.034	146	272892	45.595	ng		99
15) Benzyl Alcohol	7.010	79	255377	47.509	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	476099	45.659	ng		94
17) 2-Methylphenol	7.122	107	220414	47.105	ng		99
18) Hexachloroethane	7.375	117	107113	44.968	ng		98
19) n-Nitroso-di-n-propyla...	7.281	70	202945	44.869	ng		100
20) 3+4-Methylphenols	7.275	107	278278	47.348	ng		98
22) Acetophenone	7.275	105	373647	45.634	ng		97
24) Nitrobenzene	7.451	77	316189	44.818	ng		99
25) Isophorone	7.686	82	558615	46.163	ng		100
26) 2-Nitrophenol	7.763	139	148519	48.969	ng		99
27) 2,4-Dimethylphenol	7.804	122	214154m	57.679	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	326223	45.147	ng		100
29) 2,4-Dichlorophenol	8.010	162	231244	47.750	ng		98
30) 1,2,4-Trichlorobenzene	8.086	180	239507	43.731	ng		99
31) Naphthalene	8.169	128	811223	45.996	ng		100
32) Benzoic acid	7.928	122	163370	44.251	ng		98
33) 4-Chloroaniline	8.222	127	74733	12.518	ng		98
34) Hexachlorobutadiene	8.281	225	154893	43.703	ng		99
35) Caprolactam	8.592	113	79661m	50.151	ng		
36) 4-Chloro-3-methylphenol	8.710	107	264194	48.192	ng		99
37) 2-Methylnaphthalene	8.863	142	533785	46.470	ng		100
38) 1-Methylnaphthalene	8.963	142	500347	44.563	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	246569	43.829	ng		98
41) Hexachlorocyclopentadiene	9.010	237	267990	155.356	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	177486	46.799	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	183417	44.847	ng	99
46) 1,1'-Biphenyl	9.328	154	660438	43.830	ng	99
47) 2-Chloronaphthalene	9.351	162	500477	44.305	ng	99
48) 2-Nitroaniline	9.451	65	193908	47.819	ng	97
49) Acenaphthylene	9.769	152	836474	48.691	ng	100
50) Dimethylphthalate	9.628	163	621501	46.863	ng	100
51) 2,6-Dinitrotoluene	9.692	165	136927	45.706	ng	94
52) Acenaphthene	9.939	154	599450m	50.829	ng	
53) 3-Nitroaniline	9.863	138	91483	29.882	ng	94
54) 2,4-Dinitrophenol	9.975	184	161839	100.437	ng	95
55) Dibenzofuran	10.110	168	764648	46.307	ng	100
56) 4-Nitrophenol	10.033	139	215420	92.271	ng	95
57) 2,4-Dinitrotoluene	10.098	165	187625	47.914	ng	98
58) Fluorene	10.451	166	601612	45.743	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	159843	48.389	ng	98
60) Diethylphthalate	10.328	149	630182	46.005	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	290305	44.121	ng	97
62) 4-Nitroaniline	10.480	138	146517	46.788	ng	98
63) Azobenzene	10.604	77	734265	53.302	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	108755	49.667	ng	100
66) n-Nitrosodiphenylamine	10.563	169	529652	46.347	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	175896	44.249	ng	97
68) Hexachlorobenzene	10.998	284	200432	45.439	ng	98
69) Atrazine	11.092	200	175170	57.130	ng	99
70) Pentachlorophenol	11.198	266	224693	85.548	ng	99
71) Phenanthrene	11.416	178	880058	48.142	ng	100
72) Anthracene	11.469	178	897314	49.617	ng	100
73) Carbazole	11.622	167	819449	47.177	ng	100
74) Di-n-butylphthalate	11.951	149	986144	46.688	ng	99
75) Fluoranthene	12.604	202	925465	46.312	ng	100
77) Benzidine	12.727	184	79363	21.448	ng	99
78) Pyrene	12.833	202	942252	50.220	ng	99
80) Butylbenzylphthalate	13.445	149	357634	53.289	ng	99
81) Benzo(a)anthracene	14.021	228	667653	48.408	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	142337	33.721	ng	100
83) Chrysene	14.057	228	607979	48.216	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	442347	52.785	ng	100
85) Di-n-octyl phthalate	14.615	149	619107	50.287	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	602939	53.663	ng	99
88) Benzo(b)fluoranthene	15.068	252	553536	44.846	ng	99
89) Benzo(k)fluoranthene	15.098	252	480692	45.910	ng	100
90) Benzo(a)pyrene	15.439	252	492854	50.640	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	490785	52.665	ng	99
92) Benzo(g,h,i)perylene	17.427	276	460591	49.282	ng	99

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

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