Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100824\
Data File : BF139706.D
Acq On : 08 Oct 2024 12:12
Operator : RC/JU
Sample : P4290-04MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IB-4MS

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

Quant Time: Oct 08 12:36:49 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	6.869	152	77421	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	293282	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	160654	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	284403	20.000	ng		0.00
76) Chrysene-d12	14.033	240	175389	20.000	ng		0.00
86) Perylene-d12	15.498	264	162323	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	660947	147.968	ng		0.02
7) Phenol-d6	6.510	99	820543	136.600	ng		0.00
23) Nitrobenzene-d5	7.434	82	612387	105.718	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	229367	147.897	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1101937	105.299	ng		0.00
79) Terphenyl-d14	12.974	244	1049641	98.198	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.805	88	98126	50.811	ng	#	80
3) Pyridine	3.516	79	212125	45.164	ng		97
4) n-Nitrosodimethylamine	3.452	42	163933	53.323	ng		96
6) Aniline	6.534	93	138989	26.075	ng	#	59
8) 2-Chlorophenol	6.657	128	266890	55.768	ng		98
9) Benzaldehyde	6.422	77	39375	12.374	ng		98
10) Phenol	6.522	94	307083	48.618	ng		99
11) bis(2-Chloroethyl)ether	6.604	93	271668	52.825	ng		99
12) 1,3-Dichlorobenzene	6.810	146	280070	52.022	ng		99
13) 1,4-Dichlorobenzene	6.887	146	286358	52.517	ng		100
14) 1,2-Dichlorobenzene	7.040	146	270632	52.958	ng		99
15) Benzyl Alcohol	7.016	79	256246	55.831	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	482181	54.159	ng		80
17) 2-Methylphenol	7.128	107	213148	53.351	ng		97
18) Hexachloroethane	7.381	117	103251	50.767	ng		99
19) n-Nitroso-di-n-propyla...	7.281	70	208138	53.895	ng		99
20) 3+4-Methylphenols	7.281	107	268806	53.566	ng		98
22) Acetophenone	7.275	105	373627	53.670	ng		96
24) Nitrobenzene	7.451	77	314052	52.357	ng		100
25) Isophorone	7.692	82	562716	54.694	ng		100
26) 2-Nitrophenol	7.769	139	139976	54.283	ng		98
27) 2,4-Dimethylphenol	7.804	122	210075	66.548	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	324765	52.862	ng		99
29) 2,4-Dichlorophenol	8.010	162	225408	54.744	ng		99
30) 1,2,4-Trichlorobenzene	8.087	180	235792	50.637	ng		100
31) Naphthalene	8.169	128	792973	52.882	ng		100
32) Benzoic acid	7.934	122	160563	51.152	ng		99
33) 4-Chloroaniline	8.228	127	44261	8.720	ng		98
34) Hexachlorobutadiene	8.287	225	154794	51.369	ng		98
35) Caprolactam	8.592	113	64628m	47.855	ng		
36) 4-Chloro-3-methylphenol	8.710	107	246734	52.935	ng		100
37) 2-Methylnaphthalene	8.863	142	517176	52.956	ng		100
38) 1-Methylnaphthalene	8.963	142	481098	50.397	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	243789	54.647	ng		98
41) Hexachlorocyclopentadiene	9.010	237	206929	151.275	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	164250	54.616	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	174735	53.877	ng	97
46) 1,1'-Biphenyl	9.328	154	646147	54.076	ng	100
47) 2-Chloronaphthalene	9.351	162	482712	53.887	ng	99
48) 2-Nitroaniline	9.451	65	179750	55.900	ng	98
49) Acenaphthylene	9.769	152	789170	57.930	ng	100
50) Dimethylphthalate	9.628	163	597933	56.856	ng	100
51) 2,6-Dinitrotoluene	9.692	165	126616	53.297	ng	94
52) Acenaphthene	9.939	154	540520m	57.797	ng	
53) 3-Nitroaniline	9.857	138	67100	27.639	ng	96
54) 2,4-Dinitrophenol	9.969	184	121636	95.194	ng	98
55) Dibenzofuran	10.110	168	715274	54.625	ng	100
56) 4-Nitrophenol	10.033	139	184296	99.547	ng	95
57) 2,4-Dinitrotoluene	10.098	165	165835	53.405	ng	99
58) Fluorene	10.451	166	551646	52.894	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	142106	54.250	ng	98
60) Diethylphthalate	10.328	149	583383	53.706	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	270941	51.928	ng	97
62) 4-Nitroaniline	10.475	138	123025	49.542	ng	99
63) Azobenzene	10.604	77	577938	52.906	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	79528	49.511	ng	97
66) n-Nitrosodiphenylamine	10.563	169	483424	57.666	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	160835	55.156	ng	98
68) Hexachlorobenzene	10.998	284	176541	54.560	ng	99
69) Atrazine	11.092	200	154179	68.548	ng	99
70) Pentachlorophenol	11.198	266	201151	104.401	ng	99
71) Phenanthrene	11.416	178	753445	56.186	ng	100
72) Anthracene	11.469	178	766059	57.744	ng	100
73) Carbazole	11.622	167	703666	55.225	ng	100
74) Di-n-butylphthalate	11.951	149	894450	57.728	ng	99
75) Fluoranthene	12.604	202	768962	52.457	ng	100
77) Benzidine	12.727	184	102905	33.263	ng	100
78) Pyrene	12.833	202	781526	49.821	ng	100
80) Butylbenzylphthalate	13.445	149	326885	58.258	ng	100
81) Benzo(a)anthracene	14.021	228	637073	55.248	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	134276	38.049	ng	98
83) Chrysene	14.057	228	598725	56.792	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	441281	62.983	ng	99
85) Di-n-octyl phthalate	14.616	149	705244	68.515	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	500997	52.439	ng	100
88) Benzo(b)fluoranthene	15.074	252	551447	52.541	ng	99
89) Benzo(k)fluoranthene	15.104	252	522751	58.716	ng	100
90) Benzo(a)pyrene	15.439	252	495448	59.868	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	417860	52.732	ng	99
92) Benzo(g,h,i)perylene	17.427	276	361385	45.473	ng	99

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

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