Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
Data File : BF139723.D
Acq On : 09 Oct 2024 15:33
Operator : RC/JU
Sample : P4340-05MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1B-3MSD

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

Quant Time: Oct 09 16:00:51 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	83117	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	313856	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	169819	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	306170	20.000	ng		0.00
76) Chrysene-d12	14.033	240	155284	20.000	ng		0.00
86) Perylene-d12	15.498	264	171359	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	541574	112.935	ng		0.00
7) Phenol-d6	6.504	99	714166	110.743	ng		0.00
23) Nitrobenzene-d5	7.428	82	465496	75.092	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	178420	108.837	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	841151	76.041	ng		0.00
79) Terphenyl-d14	12.975	244	734121	77.572	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	97568	47.060	ng		99
3) Pyridine	3.446	79	248456	49.274	ng		98
4) n-Nitrosodimethylamine	3.405	42	160977	48.773	ng		97
6) Aniline	6.528	93	206020	36.001	ng	#	70
8) 2-Chlorophenol	6.651	128	264528	51.487	ng		98
9) Benzaldehyde	6.416	77	78659	23.026	ng		98
10) Phenol	6.516	94	345207	50.908	ng		99
11) bis(2-Chloroethyl)ether	6.604	93	262927	47.622	ng		99
12) 1,3-Dichlorobenzene	6.804	146	279031	48.277	ng		100
13) 1,4-Dichlorobenzene	6.887	146	281370	48.066	ng		99
14) 1,2-Dichlorobenzene	7.034	146	268043	48.857	ng		99
15) Benzyl Alcohol	7.010	79	247254	50.180	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	474505	49.644	ng		94
17) 2-Methylphenol	7.122	107	214957	50.116	ng		98
18) Hexachloroethane	7.375	117	104743	47.972	ng		98
19) n-Nitroso-di-n-propyla...	7.281	70	199418	48.098	ng		98
20) 3+4-Methylphenols	7.275	107	267039	49.568	ng		96
22) Acetophenone	7.275	105	361505	48.524	ng		96
24) Nitrobenzene	7.451	77	299415	46.645	ng		99
25) Isophorone	7.687	82	538447	48.905	ng		99
26) 2-Nitrophenol	7.763	139	141334	51.217	ng		98
27) 2,4-Dimethylphenol	7.804	122	206009	60.982	ng		98
28) bis(2-Chloroethoxy)met...	7.898	93	320339	48.724	ng		100
29) 2,4-Dichlorophenol	8.010	162	219103	49.724	ng		98
30) 1,2,4-Trichlorobenzene	8.087	180	232321	46.621	ng		100
31) Naphthalene	8.169	128	777955	48.480	ng		100
32) Benzoic acid	7.928	122	131439	39.129	ng		98
33) 4-Chloroaniline	8.222	127	54124	9.964	ng		99
34) Hexachlorobutadiene	8.281	225	150934	46.804	ng		99
35) Caprolactam	8.592	113	72162m	49.931	ng		
36) 4-Chloro-3-methylphenol	8.710	107	240936	48.303	ng		100
37) 2-Methylnaphthalene	8.863	142	505624	48.379	ng		99
38) 1-Methylnaphthalene	8.963	142	470160	46.022	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	236497	50.152	ng		99
41) Hexachlorocyclopentadiene	9.010	237	237079	163.962	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	162385	51.081	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	166717	48.631	ng	99
46) 1,1'-Biphenyl	9.328	154	628090	49.728	ng	99
47) 2-Chloronaphthalene	9.351	162	466780	49.297	ng	98
48) 2-Nitroaniline	9.451	65	173223	50.962	ng	97
49) Acenaphthylene	9.763	152	765726	53.176	ng	99
50) Dimethylphthalate	9.628	163	565398	50.861	ng	100
51) 2,6-Dinitrotoluene	9.692	165	123326	49.111	ng	92
52) Acenaphthene	9.939	154	530888m	53.703	ng	
53) 3-Nitroaniline	9.857	138	63708	24.826	ng	98
54) 2,4-Dinitrophenol	9.969	184	116438	86.208	ng	98
55) Dibenzofuran	10.110	168	696758	50.340	ng	100
56) 4-Nitrophenol	10.028	139	187666	95.897	ng	96
57) 2,4-Dinitrotoluene	10.098	165	168035	51.193	ng	99
58) Fluorene	10.451	166	550321	49.919	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	138184	49.905	ng	98
60) Diethylphthalate	10.328	149	566890	49.372	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	268501	48.683	ng	96
62) 4-Nitroaniline	10.475	138	127343	48.513	ng	98
63) Azobenzene	10.604	77	679905	58.881	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	84494	48.863	ng	97
66) n-Nitrosodiphenylamine	10.563	169	475233	52.659	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	156951	49.997	ng	97
68) Hexachlorobenzene	10.998	284	173859	49.911	ng	99
69) Atrazine	11.092	200	150831	62.291	ng	98
70) Pentachlorophenol	11.198	266	178714	86.162	ng	99
71) Phenanthrene	11.416	178	750039	51.956	ng	100
72) Anthracene	11.469	178	764374	53.521	ng	100
73) Carbazole	11.622	167	685837	49.999	ng	100
74) Di-n-butylphthalate	11.951	149	861336	51.638	ng	99
75) Fluoranthene	12.604	202	755026	47.844	ng	100
77) Benzidine	12.727	184	194407	70.977	ng	99
78) Pyrene	12.833	202	745528	53.680	ng	100
80) Butylbenzylphthalate	13.445	149	283920	57.152	ng	100
81) Benzo(a)anthracene	14.022	228	533848	52.290	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	103275	33.053	ng	98
83) Chrysene	14.057	228	489170	52.408	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	369721	59.601	ng	99
85) Di-n-octyl phthalate	14.616	149	530312	58.191	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	611179	60.598	ng	100
88) Benzo(b)fluoranthene	15.068	252	502065	45.314	ng	99
89) Benzo(k)fluoranthene	15.104	252	451311	48.019	ng	99
90) Benzo(a)pyrene	15.439	252	470742	53.883	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	493239	58.963	ng	99
92) Benzo(g,h,i)perylene	17.427	276	472129	56.276	ng	100

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

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