Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
Data File : BF139729.D
Acq On : 09 Oct 2024 18:27
Operator : RC/JU
Sample : P4321-01MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IB-6MSD

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

Quant Time: Oct 10 01:11:21 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	81712	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	300320	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	150423	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	227294	20.000	ng		0.00
76) Chrysene-d12	14.039	240	158691	20.000	ng		0.00
86) Perylene-d12	15.510	264	140761	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	432258	91.689	ng		0.00
7) Phenol-d6	6.504	99	576005	90.855	ng		0.00
23) Nitrobenzene-d5	7.434	82	379155	63.921	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	110369	76.007	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	601477	61.385	ng		0.00
79) Terphenyl-d14	12.974	244	415397	42.951	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	105169	51.598	ng		99
3) Pyridine	3.446	79	264859	53.430	ng		98
4) n-Nitrosodimethylamine	3.410	42	172767	53.245	ng		96
6) Aniline	6.534	93	208333	37.032	ng	#	89
8) 2-Chlorophenol	6.657	128	282081	55.847	ng		97
9) Benzaldehyde	6.416	77	92114	27.428	ng		95
10) Phenol	6.522	94	361619	54.245	ng		94
11) bis(2-Chloroethyl)ether	6.604	93	277021	51.037	ng		99
12) 1,3-Dichlorobenzene	6.810	146	295347	51.979	ng		99
13) 1,4-Dichlorobenzene	6.887	146	297411	51.680	ng		100
14) 1,2-Dichlorobenzene	7.040	146	285787	52.987	ng		98
15) Benzyl Alcohol	7.010	79	262217	54.132	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	495683	52.752	ng		80
17) 2-Methylphenol	7.128	107	222279	52.715	ng		98
18) Hexachloroethane	7.381	117	103163	48.060	ng		99
19) n-Nitroso-di-n-propyla...	7.281	70	208729	51.210	ng		99
20) 3+4-Methylphenols	7.281	107	281076	53.070	ng		98
22) Acetophenone	7.275	105	382769	53.694	ng		96
24) Nitrobenzene	7.451	77	320779	52.226	ng		100
25) Isophorone	7.692	82	559547	53.112	ng		100
26) 2-Nitrophenol	7.769	139	146594	55.517	ng		99
27) 2,4-Dimethylphenol	7.804	122	215089	66.539	ng		98
28) bis(2-Chloroethoxy)met...	7.898	93	335410	53.316	ng		99
29) 2,4-Dichlorophenol	8.010	162	228400	54.171	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	240178	50.370	ng		100
31) Naphthalene	8.175	128	810815	52.805	ng		100
32) Benzoic acid	7.934	122	137488	42.774	ng		99
33) 4-Chloroaniline	8.222	127	71701	13.795	ng		99
34) Hexachlorobutadiene	8.287	225	154170	49.963	ng		99
35) Caprolactam	8.598	113	74087m	53.573	ng		
36) 4-Chloro-3-methylphenol	8.716	107	243131	50.940	ng		98
37) 2-Methylnaphthalene	8.863	142	514151	51.412	ng		100
38) 1-Methylnaphthalene	8.963	142	478518	48.952	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	239353	57.302	ng		99
41) Hexachlorocyclopentadiene	9.010	237	22606	17.650	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	158418	56.259	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	160624	52.895	ng	99
46) 1,1'-Biphenyl	9.328	154	623639	55.742	ng	100
47) 2-Chloronaphthalene	9.351	162	454808	54.226	ng	99
48) 2-Nitroaniline	9.451	65	170084	56.491	ng	98
49) Acenaphthylene	9.769	152	726399	56.949	ng	100
50) Dimethylphthalate	9.628	163	564913	57.370	ng	100
51) 2,6-Dinitrotoluene	9.692	165	115093	51.742	ng	97
52) Acenaphthene	9.939	154	458456	52.356	ng	100
53) 3-Nitroaniline	9.863	138	86787	38.180	ng	96
54) 2,4-Dinitrophenol	9.969	184	29990	25.067	ng	98
55) Dibenzofuran	10.110	168	649470	52.973	ng	99
56) 4-Nitrophenol	10.033	139	162628	93.818	ng	96
57) 2,4-Dinitrotoluene	10.098	165	148211	50.975	ng	100
58) Fluorene	10.457	166	494497	50.639	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	125714	51.256	ng	97
60) Diethylphthalate	10.328	149	548048	53.885	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	248852	50.938	ng	98
62) 4-Nitroaniline	10.475	138	101232	43.539	ng	98
63) Azobenzene	10.604	77	604775	59.128	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	26025	20.273	ng	97
66) n-Nitrosodiphenylamine	10.563	169	432032	64.484	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	137712	59.092	ng	97
68) Hexachlorobenzene	11.004	284	140611	54.374	ng	99
69) Atrazine	11.092	200	126016	70.103	ng	97
70) Pentachlorophenol	11.198	266	144319	93.725	ng	98
71) Phenanthrene	11.416	178	693138	64.676	ng	100
72) Anthracene	11.469	178	635623	59.951	ng	99
73) Carbazole	11.627	167	554039	54.408	ng	100
74) Di-n-butylphthalate	11.951	149	743146	60.013	ng	99
75) Fluoranthene	12.610	202	777564	66.371	ng	100
77) Benzidine	12.727	184	187271	66.904	ng	100
78) Pyrene	12.839	202	801201	56.450	ng	100
80) Butylbenzylphthalate	13.451	149	263339	51.871	ng	99
81) Benzo(a)anthracene	14.027	228	677498	64.936	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	159395	49.919	ng	98
83) Chrysene	14.063	228	606374	63.570	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	380182	59.972	ng	100
85) Di-n-octyl phthalate	14.621	149	640006	68.720	ng	100
87) Indeno(1,2,3-cd)pyrene	16.998	276	378604	45.698	ng	99
88) Benzo(b)fluoranthene	15.080	252	634537	69.719	ng	99
89) Benzo(k)fluoranthene	15.110	252	465210	60.257	ng	99
90) Benzo(a)pyrene	15.451	252	487645	67.951	ng	100
91) Dibenzo(a,h)anthracene	17.009	278	297439	43.285	ng	100
92) Benzo(g,h,i)perylene	17.439	276	279027	40.488	ng	100

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

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