Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100724\
Data File : BF139697.D
Acq On : 07 Oct 2024 20:21
Operator : RC/JU
Sample : P4270-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IB-2MSD

Quant Time: Oct 08 01:14:05 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

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	85694	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	330545	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	184384	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	305218	20.000	ng		0.00
76) Chrysene-d12	14.033	240	156496	20.000	ng		0.00
86) Perylene-d12	15.504	264	174750	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	455649	92.159	ng		0.00
7) Phenol-d6	6.504	99	630780	94.871	ng		0.00
23) Nitrobenzene-d5	7.428	82	408925	62.636	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	143795	80.787	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	700678	58.339	ng		0.00
79) Terphenyl-d14	12.974	244	509562	53.427	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	101836	47.641	ng		98
3) Pyridine	3.463	79	254102	48.878	ng		96
4) n-Nitrosodimethylamine	3.422	42	172297	50.633	ng		98
6) Aniline	6.528	93	210439	35.668	ng	#	68
8) 2-Chlorophenol	6.651	128	288117	54.392	ng		98
9) Benzaldehyde	6.416	77	96957	27.529	ng		99
10) Phenol	6.516	94	372625	53.299	ng		99
11) bis(2-Chloroethyl)ether	6.604	93	277995	48.837	ng		99
12) 1,3-Dichlorobenzene	6.804	146	292549	49.094	ng		100
13) 1,4-Dichlorobenzene	6.881	146	296434	49.117	ng		99
14) 1,2-Dichlorobenzene	7.034	146	283281	50.082	ng		100
15) Benzyl Alcohol	7.010	79	270713	53.289	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	498497	50.586	ng		91
17) 2-Methylphenol	7.122	107	230890	52.212	ng		99
18) Hexachloroethane	7.375	117	108147	48.041	ng		98
19) n-Nitroso-di-n-propyla...	7.281	70	210184	49.170	ng		99
20) 3+4-Methylphenols	7.275	107	290102	52.229	ng		97
22) Acetophenone	7.275	105	390145	49.725	ng		97
24) Nitrobenzene	7.451	77	329973	48.810	ng		99
25) Isophorone	7.686	82	583841	50.350	ng		99
26) 2-Nitrophenol	7.763	139	153251	52.731	ng		97
27) 2,4-Dimethylphenol	7.804	122	223976m	62.953	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	340992	49.247	ng		100
29) 2,4-Dichlorophenol	8.010	162	240502	51.825	ng		99
30) 1,2,4-Trichlorobenzene	8.086	180	249924	47.622	ng		100
31) Naphthalene	8.169	128	850008	50.295	ng		100
32) Benzoic acid	7.933	122	168314	47.577	ng		97
33) 4-Chloroaniline	8.222	127	45115	7.886	ng		98
34) Hexachlorobutadiene	8.286	225	159636	47.003	ng		99
35) Caprolactam	8.598	113	78678m	51.691	ng		
36) 4-Chloro-3-methylphenol	8.710	107	269825	51.364	ng		99
37) 2-Methylnaphthalene	8.863	142	547934	49.780	ng		99
38) 1-Methylnaphthalene	8.963	142	511802	47.569	ng		100
40) 1,2,4,5-Tetrachloroben...	9.027	216	256488	50.094	ng		99
41) Hexachlorocyclopentadiene	9.010	237	191428	121.932	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	175472	50.838	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	185421	49.814	ng	98
46) 1,1'-Biphenyl	9.327	154	682175	49.743	ng	99
47) 2-Chloronaphthalene	9.351	162	512728	49.872	ng	99
48) 2-Nitroaniline	9.451	65	189915	51.460	ng	98
49) Acenaphthylene	9.769	152	831011	53.151	ng	100
50) Dimethylphthalate	9.627	163	617618	51.170	ng	100
51) 2,6-Dinitrotoluene	9.692	165	133358	48.911	ng	96
52) Acenaphthene	9.939	154	580576m	54.090	ng	
53) 3-Nitroaniline	9.863	138	77503	27.816	ng	96
54) 2,4-Dinitrophenol	9.969	184	109057	74.365	ng	98
55) Dibenzofuran	10.110	168	765312	50.925	ng	99
56) 4-Nitrophenol	10.033	139	190465	89.639	ng	95
57) 2,4-Dinitrotoluene	10.098	165	173806	48.768	ng	97
58) Fluorene	10.451	166	605032	50.547	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	152726	50.800	ng	96
60) Diethylphthalate	10.327	149	613528	49.213	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	282777	47.222	ng	98
62) 4-Nitroaniline	10.474	138	117605	41.264	ng	98
63) Azobenzene	10.604	77	682094	54.404	ng	98
65) 4,6-Dinitro-2-methylph...	10.504	198	75813	43.980	ng	100
66) n-Nitrosodiphenylamine	10.563	169	508033	56.469	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	162185	51.826	ng	97
68) Hexachlorobenzene	10.998	284	176235	50.751	ng	99
69) Atrazine	11.092	200	152564	63.204	ng	99
70) Pentachlorophenol	11.198	266	185617	89.769	ng	98
71) Phenanthrene	11.416	178	1039973	72.264	ng	100
72) Anthracene	11.469	178	832596	58.480	ng	100
73) Carbazole	11.621	167	674836	49.351	ng	100
74) Di-n-butylphthalate	11.951	149	835074	50.220	ng	100
75) Fluoranthene	12.604	202	978036	62.169	ng	99
77) Benzidine	12.727	184	164225	59.493	ng	100
78) Pyrene	12.833	202	918971	65.655	ng	98
80) Butylbenzylphthalate	13.451	149	261999	52.331	ng	97
81) Benzo(a)anthracene	14.021	228	653458	63.510	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	133653	42.444	ng	100
83) Chrysene	14.057	228	603757	64.183	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	344605	55.122	ng	100
85) Di-n-octyl phthalate	14.621	149	574962	62.602	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	516864	50.252	ng	100
88) Benzo(b)fluoranthene	15.074	252	692741	61.310	ng	99
89) Benzo(k)fluoranthene	15.104	252	472260	49.273	ng	100
90) Benzo(a)pyrene	15.445	252	573764	64.401	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	405637	47.550	ng	100
92) Benzo(g,h,i)perylene	17.427	276	382689	44.730	ng	99

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

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