Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
Data File : BF139616.D
Acq On : 02 Oct 2024 19:42
Operator : RC/JU
Sample : P4222-01MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/03/2024
Supervised By :mohammad ahmed 10/04/2024

Quant Time: Oct 03 01:52:49 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	88261	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	325399	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	163866	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	252396	20.000	ng		0.00
76) Chrysene-d12	14.033	240	163545	20.000	ng		0.00
86) Perylene-d12	15.498	264	150135	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	565086	110.970	ng		0.00
7) Phenol-d6	6.504	99	758922	110.824	ng		0.00
23) Nitrobenzene-d5	7.434	82	490795	76.365	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	152969	96.702	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	833826	78.117	ng		0.00
79) Terphenyl-d14	12.974	244	595645	59.760	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.704	88	99331	45.118	ng		99
3) Pyridine	3.451	79	257724	48.133	ng		100
4) n-Nitrosodimethylamine	3.410	42	175202	49.989	ng		99
6) Aniline	6.528	93	216159	35.572	ng	#	75
8) 2-Chlorophenol	6.651	128	273714	50.170	ng		99
9) Benzaldehyde	6.416	77	45516	12.547	ng		99
10) Phenol	6.516	94	356022	49.443	ng		97
11) bis(2-Chloroethyl)ether	6.604	93	269295	45.932	ng		98
12) 1,3-Dichlorobenzene	6.810	146	285839	46.573	ng		98
13) 1,4-Dichlorobenzene	6.887	146	293368	47.195	ng		99
14) 1,2-Dichlorobenzene	7.034	146	277325	47.603	ng		100
15) Benzyl Alcohol	7.010	79	261975	50.069	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	496053	48.874	ng		97
17) 2-Methylphenol	7.122	107	223024	48.967	ng		98
18) Hexachloroethane	7.381	117	105835	45.647	ng		99
19) n-Nitroso-di-n-propyla...	7.281	70	208767	47.419	ng		99
20) 3+4-Methylphenols	7.275	107	279435	48.846	ng		98
22) Acetophenone	7.275	105	382250	49.489	ng		98
24) Nitrobenzene	7.451	77	316787	47.601	ng		100
25) Isophorone	7.686	82	554830	48.605	ng		99
26) 2-Nitrophenol	7.769	139	143351	50.105	ng		98
27) 2,4-Dimethylphenol	7.804	122	211590m	60.412	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	325190	47.707	ng		99
29) 2,4-Dichlorophenol	8.010	162	223829	48.995	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	237052	45.883	ng		99
31) Naphthalene	8.175	128	788960	47.421	ng		100
32) Benzoic acid	7.922	122	145293	41.719	ng		96
33) 4-Chloroaniline	8.222	127	47683	8.467	ng		98
34) Hexachlorobutadiene	8.286	225	152815	45.707	ng		99
35) Caprolactam	8.592	113	71683m	47.840	ng		
36) 4-Chloro-3-methylphenol	8.710	107	241361	46.672	ng		100
37) 2-Methylnaphthalene	8.863	142	506301	46.725	ng		100
38) 1-Methylnaphthalene	8.963	142	463316	43.744	ng		100
40) 1,2,4,5-Tetrachloroben...	9.028	216	234868	51.616	ng		100
41) Hexachlorocyclopentadiene	9.010	237	123239	88.328	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	156942	51.163	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	160487	48.514	ng	99
46) 1,1'-Biphenyl	9.328	154	614528	50.421	ng	99
47) 2-Chloronaphthalene	9.351	162	452884	49.567	ng	99
48) 2-Nitroaniline	9.451	65	169131	51.566	ng	98
49) Acenaphthylene	9.769	152	722895	52.025	ng	100
50) Dimethylphthalate	9.628	163	553963	51.643	ng	100
51) 2,6-Dinitrotoluene	9.692	165	115561	47.690	ng	95
52) Acenaphthene	9.939	154	464196	48.663	ng	99
53) 3-Nitroaniline	9.857	138	67330	27.190	ng	98
54) 2,4-Dinitrophenol	9.969	184	58624	44.981	ng	96
55) Dibenzofuran	10.110	168	643185	48.157	ng	99
56) 4-Nitrophenol	10.022	139	163820	86.753	ng	97
57) 2,4-Dinitrotoluene	10.092	165	148130	46.768	ng	99
58) Fluorene	10.451	166	481740	45.286	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	120347	45.043	ng	98
60) Diethylphthalate	10.328	149	539075	48.655	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	245002	46.036	ng	98
62) 4-Nitroaniline	10.469	138	96953	38.278	ng	98
63) Azobenzene	10.604	77	574192	51.533	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	43445	30.477	ng	99
66) n-Nitrosodiphenylamine	10.563	169	424325	57.035	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	136948	52.920	ng	97
68) Hexachlorobenzene	10.998	284	143954	50.131	ng	99
69) Atrazine	11.092	200	129826	65.040	ng	99
70) Pentachlorophenol	11.198	266	147581	86.311	ng	98
71) Phenanthrene	11.416	178	602340	50.614	ng	100
72) Anthracene	11.469	178	607158	51.571	ng	99
73) Carbazole	11.622	167	548557	48.512	ng	100
74) Di-n-butylphthalate	11.951	149	709006	51.562	ng	99
75) Fluoranthene	12.604	202	597630	45.939	ng	99
77) Benzidine	12.727	184	256117	88.783	ng	100
78) Pyrene	12.833	202	604714	41.341	ng	99
80) Butylbenzylphthalate	13.451	149	251222	48.016	ng	97
81) Benzo(a)anthracene	14.021	228	543533	50.550	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	156657	47.606	ng	98
83) Chrysene	14.057	228	507884	51.664	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	346333	53.011	ng	99
85) Di-n-octyl phthalate	14.621	149	584411	60.888	ng	100
87) Indeno(1,2,3-cd)pyrene	16.968	276	371474	42.038	ng	99
88) Benzo(b)fluoranthene	15.074	252	498819	51.385	ng	99
89) Benzo(k)fluoranthene	15.104	252	437004	53.070	ng	99
90) Benzo(a)pyrene	15.439	252	418895	54.727	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	308306	42.066	ng	99
92) Benzo(g,h,i)perylene	17.415	276	267337	36.370	ng	98

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

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