Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110522\
Data File : BF131027.D
Acq On : 05 Nov 2022 19:19
Operator : CG\JU
Sample : N5318-05MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20221111-COMP-10MS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 11/07/2022
Supervised By :Jagrut Upadhyay 11/07/2022

Quant Time: Nov 07 00:50:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 07 00:46:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	78725	20.000	ng		0.00
21) Naphthalene-d8	8.192	136	308220	20.000	ng		0.00
39) Acenaphthene-d10	9.951	164	159607	20.000	ng		0.00
64) Phenanthrene-d10	11.445	188	267672	20.000	ng		0.00
76) Chrysene-d12	14.092	240	157574	20.000	ng		0.00
86) Perylene-d12	15.592	264	161210	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	597688	131.617	ng		0.01
7) Phenol-d6	6.534	99	748717	126.876	ng		0.00
23) Nitrobenzene-d5	7.469	82	500758	97.966	ng		0.00
42) 2,4,6-Tribromophenol	10.745	330	194059	144.435	ng		0.00
45) 2-Fluorobiphenyl	9.269	172	839953	79.565	ng		0.00
79) Terphenyl-d14	13.027	244	721019	83.848	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.757	88	96393	47.345	ng		94
3) Pyridine	3.510	79	249204	43.700	ng		98
4) n-Nitrosodimethylamine	3.481	42	159648	49.868	ng		99
6) Aniline	6.569	93	240029m	32.894	ng		
8) 2-Chlorophenol	6.686	128	249397	49.301	ng		94
9) Benzaldehyde	6.457	77	177015	46.867	ng		96
10) Phenol	6.545	94	307198m	48.375	ng		
11) bis(2-Chloroethyl)ether	6.639	93	246155	49.725	ng		98
12) 1,3-Dichlorobenzene	6.845	146	275239	48.016	ng		98
13) 1,4-Dichlorobenzene	6.922	146	271857	46.723	ng		98
14) 1,2-Dichlorobenzene	7.075	146	262264	48.669	ng		98
15) Benzyl Alcohol	7.045	79	229546	45.746	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	421827	47.804	ng		96
17) 2-Methylphenol	7.157	107	199549	46.152	ng		99
18) Hexachloroethane	7.416	117	108277	51.489	ng		99
19) n-Nitroso-di-n-propyla...	7.316	70	184662	45.992	ng		97
20) 3+4-Methylphenols	7.310	107	245846	43.732	ng	#	69
22) Acetophenone	7.316	105	347935	46.559	ng		94
24) Nitrobenzene	7.492	77	287033	51.354	ng		95
25) Isophorone	7.728	82	505383	47.946	ng		98
26) 2-Nitrophenol	7.804	139	130382	58.215	ng		94
27) 2,4-Dimethylphenol	7.839	122	224331	51.138	ng		99
28) bis(2-Chloroethoxy)met...	7.933	93	302199	51.335	ng		99
29) 2,4-Dichlorophenol	8.045	162	207066	45.885	ng		97
30) 1,2,4-Trichlorobenzene	8.128	180	221881	45.724	ng		97
31) Naphthalene	8.210	128	701736	43.638	ng		100
32) Benzoic acid	7.963	122	127938	42.150	ng		94
33) 4-Chloroaniline	8.257	127	100655	15.840	ng		98
34) Hexachlorobutadiene	8.322	225	149458	46.397	ng		100
35) Caprolactam	8.633	113	61501m	42.528	ng		
36) 4-Chloro-3-methylphenol	8.745	107	221764	45.304	ng		97
37) 2-Methylnaphthalene	8.904	142	451292	44.615	ng		99
38) 1-Methylnaphthalene	9.004	142	417830	42.445	ng		98
40) 1,2,4,5-Tetrachloroben...	9.069	216	229419	50.687	ng		100
41) Hexachlorocyclopentadiene	9.051	237	255341	107.369	ng		97
43) 2,4,6-Trichlorophenol	9.180	196	150397	47.820	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	158217	47.086	ng		97
46) 1,1'-Biphenyl	9.369	154	551886	48.534	ng		99
47) 2-Chloronaphthalene	9.398	162	430643	47.229	ng		95
48) 2-Nitroaniline	9.492	65	148720	50.488	ng		99
49) Acenaphthylene	9.816	152	656756	45.580	ng		99
50) Dimethylphthalate	9.675	163	494382	45.097	ng		100
51) 2,6-Dinitrotoluene	9.733	165	109106	52.102	ng		96
52) Acenaphthene	9.986	154	454598m	51.022	ng		
53) 3-Nitroaniline	9.904	138	55855	26.158	ng	#	90
54) 2,4-Dinitrophenol	10.016	184	107865	97.773	ng		85
55) Dibenzofuran	10.157	168	573296	44.391	ng		99
56) 4-Nitrophenol	10.069	139	153600	90.849	ng		99
57) 2,4-Dinitrotoluene	10.139	165	141890	53.713	ng		91
58) Fluorene	10.504	166	447874	44.042	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.274	232	122066	44.062	ng		97
60) Diethylphthalate	10.374	149	479623	44.486	ng		99
61) 4-Chlorophenyl-phenyle...	10.492	204	223461	45.934	ng		98
62) 4-Nitroaniline	10.522	138	100501	46.481	ng		96
63) Azobenzene	10.651	77	494145	43.906	ng		98
65) 4,6-Dinitro-2-methylph...	10.551	198	72873	62.311	ng		83
66) n-Nitrosodiphenylamine	10.610	169	404612	48.462	ng		99
67) 4-Bromophenyl-phenylether	10.986	248	140896	52.341	ng		99
68) Hexachlorobenzene	11.045	284	153518	51.762	ng		95
69) Atrazine	11.139	200	128671	53.365	ng		95
70) Pentachlorophenol	11.245	266	139406	82.371	ng		96
71) Phenanthrene	11.469	178	618333	44.757	ng		99
72) Anthracene	11.521	178	622364	45.673	ng		99
73) Carbazole	11.674	167	531276	43.536	ng		99
74) Di-n-butylphthalate	11.998	149	686824	46.343	ng		99
75) Fluoranthene	12.663	202	602191	41.025	ng		98
77) Benzidine	12.780	184	177299	46.351	ng		99
78) Pyrene	12.892	202	596277	44.852	ng		100
80) Butylbenzylphthalate	13.504	149	237442	49.644	ng		94
81) Benzo(a)anthracene	14.080	228	488788	46.787	ng		99
82) 3,3'-Dichlorobenzidine	14.039	252	89425	31.715	ng		94
83) Chrysene	14.115	228	457681	45.418	ng		99
84) Bis(2-ethylhexyl)phtha...	14.062	149	307268	53.431	ng		99
85) Di-n-octyl phthalate	14.680	149	476377	60.021	ng		99
87) Indeno(1,2,3-cd)pyrene	17.115	276	592472	55.342	ng		98
88) Benzo(b)fluoranthene	15.151	252	473861	45.471	ng		99
89) Benzo(k)fluoranthene	15.180	252	445074	43.830	ng		98
90) Benzo(a)pyrene	15.527	252	423004	50.494	ng		99
91) Dibenzo(a,h)anthracene	17.139	278	498409	57.110	ng		98
92) Benzo(g,h,i)perylene	17.586	276	508877	57.154	ng		97

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

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