Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070522\
Data File : BF129123.D
Acq On : 05 Jul 2022 14:49
Operator : CG\JU
Sample : N3572-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-200033MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/06/2022
Supervised By :Jagrut Upadhyay 07/06/2022

Quant Time: Jul 05 16:39:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:05:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	267522	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	978377	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	436786	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	705902	20.000	ng	# 0.00
76) Chrysene-d12	14.145	240	688297	20.000	ng	# 0.00
86) Perylene-d12	15.674	264	755584	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1745232	110.292	ng	0.00
7) Phenol-d6	6.581	99	2116718	107.707	ng	0.00
23) Nitrobenzene-d5	7.522	82	1339701	81.674	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	511946	107.792	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	2375288	86.998	ng	0.00
79) Terphenyl-d14	13.080	244	2507542	75.654	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.840	88	309170	43.824	ng	# 87
3) Pyridine	3.634	79	803921	46.662	ng	85
4) n-Nitrosodimethylamine	3.569	42	355480	45.541	ng	# 78
6) Aniline	6.622	93	1003107	45.639	ng	97
8) 2-Chlorophenol	6.745	128	788186	47.410	ng	93
9) Benzaldehyde	6.510	77	462290	58.410	ng	98
10) Phenol	6.598	94	918696	46.139	ng	88
11) bis(2-Chloroethyl)ether	6.692	93	766540	48.638	ng	91
12) 1,3-Dichlorobenzene	6.898	146	875831	47.857	ng	99
13) 1,4-Dichlorobenzene	6.975	146	880002	47.673	ng	100
14) 1,2-Dichlorobenzene	7.128	146	841910	48.518	ng	99
15) Benzyl Alcohol	7.098	79	618162	44.717	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.228	45	1073723	47.701	ng	91
17) 2-Methylphenol	7.204	107	604938	44.717	ng	96
18) Hexachloroethane	7.469	117	318197	49.100	ng	90
19) n-Nitroso-di-n-propyla...	7.369	70	520839	45.814	ng	# 86
20) 3+4-Methylphenols	7.357	107	760827	44.226	ng	95
22) Acetophenone	7.369	105	1034985	46.114	ng	# 93
24) Nitrobenzene	7.539	77	772631	48.682	ng	95
25) Isophorone	7.781	82	1399600	50.488	ng	96
26) 2-Nitrophenol	7.857	139	400668	54.320	ng	# 86
27) 2,4-Dimethylphenol	7.886	122	692010	51.966	ng	96
28) bis(2-Chloroethoxy)met...	7.986	93	880738	46.261	ng	98
29) 2,4-Dichlorophenol	8.092	162	598778	44.084	ng	99
30) 1,2,4-Trichlorobenzene	8.181	180	651704	43.602	ng	97
31) Naphthalene	8.263	128	2086915	46.986	ng	99
32) Benzoic acid	7.992	122	401673	37.595	ng	90
33) 4-Chloroaniline	8.310	127	623784	34.854	ng	95
34) Hexachlorobutadiene	8.375	225	412479	46.217	ng	99
35) Caprolactam	8.680	113	176020m	40.868	ng	
36) 4-Chloro-3-methylphenol	8.786	107	580933	42.096	ng	89
37) 2-Methylnaphthalene	8.957	142	1349390	45.150	ng	100
38) 1-Methylnaphthalene	9.057	142	1268573	43.708	ng	98
40) 1,2,4,5-Tetrachloroben...	9.122	216	617231	50.274	ng	98
41) Hexachlorocyclopentadiene	9.104	237	692469	106.852	ng	99
43) 2,4,6-Trichlorophenol	9.227	196	392170	46.896	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	410633	46.164	ng		97
46) 1,1'-Biphenyl	9.416	154	1616265	51.471	ng		99
47) 2-Chloronaphthalene	9.445	162	1183624	48.810	ng		98
48) 2-Nitroaniline	9.539	65	331675	51.931	ng		85
49) Acenaphthylene	9.863	152	1885375	51.167	ng		99
50) Dimethylphthalate	9.716	163	1348724	49.358	ng		100
51) 2,6-Dinitrotoluene	9.780	165	291039	52.122	ng		91
52) Acenaphthene	10.033	154	1245256	51.883	ng		100
53) 3-Nitroaniline	9.951	138	265041	39.804	ng	#	88
54) 2,4-Dinitrophenol	10.057	184	267372	87.812	ng	#	79
55) Dibenzofuran	10.210	168	1620916	46.380	ng		99
56) 4-Nitrophenol	10.104	139	487641	89.631	ng		92
57) 2,4-Dinitrotoluene	10.186	165	359418	52.140	ng	#	80
58) Fluorene	10.551	166	1259832	46.603	ng		96
59) 2,3,4,6-Tetrachlorophenol	10.322	232	312316	42.381	ng		100
60) Diethylphthalate	10.416	149	1290936	47.147	ng		99
61) 4-Chlorophenyl-phenyle...	10.539	204	611054	45.366	ng		97
62) 4-Nitroaniline	10.563	138	280238	42.441	ng		89
63) Azobenzene	10.698	77	1186286	44.221	ng		94
65) 4,6-Dinitro-2-methylph...	10.592	198	155639	49.836	ng		86
66) n-Nitrosodiphenylamine	10.657	169	1059609	49.425	ng		96
67) 4-Bromophenyl-phenylether	11.033	248	362751	48.310	ng		98
68) Hexachlorobenzene	11.098	284	393706	47.087	ng		99
69) Atrazine	11.186	200	324999	53.873	ng		98
70) Pentachlorophenol	11.292	266	469236	94.221	ng		99
71) Phenanthrene	11.521	178	1872537	55.519	ng		100
72) Anthracene	11.569	178	1727552	51.951	ng		99
73) Carbazole	11.721	167	1585739	47.590	ng		99
74) Di-n-butylphthalate	12.045	149	1855963	52.827	ng		99
75) Fluoranthene	12.716	202	2618383	74.232	ng		97
77) Benzidine	12.833	184	1075993	87.793	ng		99
78) Pyrene	12.945	202	2627709	55.077	ng		99
80) Butylbenzylphthalate	13.551	149	904416	46.533	ng		95
81) Benzo(a)anthracene	14.139	228	2464209	58.635	ng		97
82) 3,3'-Dichlorobenzidine	14.098	252	693545	76.375	ng		98
83) Chrysene	14.174	228	2335433	59.859	ng		97
84) Bis(2-ethylhexyl)phtha...	14.110	149	2138821	82.802	ng		97
85) Di-n-octyl phthalate	14.727	149	2291304	60.090	ng	#	95
87) Indeno(1,2,3-cd)pyrene	17.239	276	2023234	43.659	ng		99
88) Benzo(b)fluoranthene	15.221	252	3092598	68.058	ng		97
89) Benzo(k)fluoranthene	15.257	252	2213135	50.214	ng		99
90) Benzo(a)pyrene	15.615	252	2381834	64.298	ng		97
91) Dibenzo(a,h)anthracene	17.256	278	1552523	41.097	ng		98
92) Benzo(g,h,i)perylene	17.715	276	1594684	42.075	ng		98

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

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