Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072622\
Data File : BF129356.D
Acq On : 26 Jul 2022 15:32
Operator : CG\JU
Sample : N3839-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

Quant Time: Jul 27 00:39:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 25 17:24:17 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	223757	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	908359	20.000	ng		0.00
39) Acenaphthene-d10	9.927	164	468616	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	725195	20.000	ng	#	0.00
76) Chrysene-d12	14.063	240	365506	20.000	ng		0.00
86) Perylene-d12	15.551	264	432313	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1336928	97.331	ng		0.01
7) Phenol-d6	6.516	99	1782135	103.221	ng		0.00
23) Nitrobenzene-d5	7.451	82	1058532	63.613	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	436367	96.854	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1791206	59.130	ng		0.00
79) Terphenyl-d14	12.998	244	1382942	71.381	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	270359	43.624	ng		89
3) Pyridine	3.498	79	729996	42.416	ng		87
4) n-Nitrosodimethylamine	3.451	42	353716	46.803	ng		92
6) Aniline	6.551	93	648108	30.196	ng		99
8) 2-Chlorophenol	6.669	128	730442	48.674	ng		97
9) Benzaldehyde	6.434	77	371286	31.667	ng		97
10) Phenol	6.528	94	853349m	46.413	ng		
11) bis(2-Chloroethyl)ether	6.622	93	703094	48.220	ng		91
12) 1,3-Dichlorobenzene	6.822	146	747528	46.446	ng		99
13) 1,4-Dichlorobenzene	6.904	146	764076	46.680	ng		99
14) 1,2-Dichlorobenzene	7.051	146	719866	47.846	ng		97
15) Benzyl Alcohol	7.028	79	598430	47.792	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1043841	47.625	ng		93
17) 2-Methylphenol	7.139	107	574971	46.185	ng		97
18) Hexachloroethane	7.398	117	288600	46.825	ng		93
19) n-Nitroso-di-n-propyla...	7.298	70	478501	45.780	ng		94
20) 3+4-Methylphenols	7.286	107	685345	43.297	ng		93
22) Acetophenone	7.298	105	948428	44.846	ng	#	95
24) Nitrobenzene	7.469	77	758317	44.255	ng		96
25) Isophorone	7.704	82	1392198	46.675	ng		99
26) 2-Nitrophenol	7.786	139	387332	45.820	ng		90
27) 2,4-Dimethylphenol	7.816	122	650112	51.270	ng		98
28) bis(2-Chloroethoxy)met...	7.916	93	858343	49.607	ng		99
29) 2,4-Dichlorophenol	8.028	162	587096	44.859	ng		97
30) 1,2,4-Trichlorobenzene	8.110	180	595333	43.947	ng		97
31) Naphthalene	8.192	128	2008387	43.519	ng		100
32) Benzoic acid	7.939	122	390878	42.640	ng		95
33) 4-Chloroaniline	8.233	127	212344	11.207	ng		98
34) Hexachlorobutadiene	8.304	225	341495	44.348	ng		99
35) Caprolactam	8.616	113	188773m	44.365	ng		
36) 4-Chloro-3-methylphenol	8.722	107	638734	46.015	ng		94
37) 2-Methylnaphthalene	8.880	142	1314222	43.821	ng		99
38) 1-Methylnaphthalene	8.980	142	1259017	43.487	ng		98
40) 1,2,4,5-Tetrachloroben...	9.051	216	554948	45.100	ng	#	98
41) Hexachlorocyclopentadiene	9.033	237	655595	119.651	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	402801	45.070	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	424370	43.664	ng		95
46) 1,1'-Biphenyl	9.345	154	1581229	46.235	ng		99
47) 2-Chloronaphthalene	9.375	162	1224791	44.301	ng		99
48) 2-Nitroaniline	9.469	65	395033	42.970	ng		94
49) Acenaphthylene	9.792	152	1854730	44.150	ng		99
50) Dimethylphthalate	9.651	163	1432333	44.276	ng		100
51) 2,6-Dinitrotoluene	9.716	165	327346	45.210	ng		90
52) Acenaphthene	9.963	154	1295561m	47.217	ng		
53) 3-Nitroaniline	9.880	138	179943	21.046	ng	#	93
54) 2,4-Dinitrophenol	9.992	184	305344	82.608	ng		90
55) Dibenzofuran	10.133	168	1679776	44.410	ng		96
56) 4-Nitrophenol	10.045	139	521644	82.699	ng		95
57) 2,4-Dinitrotoluene	10.122	165	420221	44.427	ng		88
58) Fluorene	10.480	166	1299458	42.937	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	315660m	42.028	ng		
60) Diethylphthalate	10.345	149	1365614	43.668	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	590892	44.288	ng		94
62) 4-Nitroaniline	10.504	138	321956	37.959	ng		91
63) Azobenzene	10.627	77	1371341	42.993	ng		95
65) 4,6-Dinitro-2-methylph...	10.527	198	198341	43.332	ng		93
66) n-Nitrosodiphenylamine	10.586	169	1142741	47.317	ng		96
67) 4-Bromophenyl-phenylether	10.957	248	380530	47.919	ng		93
68) Hexachlorobenzene	11.027	284	404509	47.012	ng		97
69) Atrazine	11.116	200	357545	48.741	ng		97
70) Pentachlorophenol	11.222	266	395403	84.531	ng		98
71) Phenanthrene	11.445	178	1738591	43.919	ng		100
72) Anthracene	11.492	178	1755938	45.138	ng		100
73) Carbazole	11.651	167	1549424	42.311	ng		99
74) Di-n-butylphthalate	11.974	149	1930059	44.257	ng		99
75) Fluoranthene	12.633	202	1561112	38.921	ng		99
77) Benzidine	12.751	184	435130	33.699	ng		99
78) Pyrene	12.863	202	1521821	49.790	ng		100
80) Butylbenzylphthalate	13.474	149	630134	47.531	ng		96
81) Benzo(a)anthracene	14.051	228	1110569	44.480	ng		100
82) 3,3'-Dichlorobenzidine	14.010	252	294108	35.677	ng	#	98
83) Chrysene	14.086	228	1058230	44.972	ng		100
84) Bis(2-ethylhexyl)phtha...	14.027	149	828489	47.468	ng		98
85) Di-n-octyl phthalate	14.645	149	1280361	50.977	ng		97
87) Indeno(1,2,3-cd)pyrene	17.068	276	1530172	52.561	ng		99
88) Benzo(b)fluoranthene	15.115	252	1252097	43.663	ng		99
89) Benzo(k)fluoranthene	15.145	252	1171769	41.697	ng		99
90) Benzo(a)pyrene	15.492	252	1137225	48.852	ng		99
91) Dibenzo(a,h)anthracene	17.086	278	1291898	54.522	ng		98
92) Benzo(g,h,i)perylene	17.527	276	1357347	56.060	ng		98

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

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