Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071822\
Data File : BF129277.D
Acq On : 18 Jul 2022 20:17
Operator : CG\JU
Sample : N3747-01MSD 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-071522MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

Quant Time: Jul 19 02:09:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 12:55:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	205547	20.000	ng		0.00
21) Naphthalene-d8	8.186	136	704054	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	317459	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	543114	20.000	ng	#	0.00
76) Chrysene-d12	14.074	240	497813	20.000	ng	#	0.00
86) Perylene-d12	15.574	264	378244	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	259157	20.136	ng		0.00
7) Phenol-d6	6.522	99	296988	17.841	ng		0.00
23) Nitrobenzene-d5	7.457	82	168953	12.828	ng		-0.01
42) 2,4,6-Tribromophenol	10.727	330	55297	18.767	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	297245	15.863	ng		0.00
79) Terphenyl-d14	13.010	244	341809	12.845	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	39733	6.776	ng		91
3) Pyridine	3.516	79	109369	7.253	ng		92
4) n-Nitrosodimethylamine	3.410	42	57366	8.054	ng		85
6) Aniline	6.563	93	121417	6.209	ng		97
8) 2-Chlorophenol	6.681	128	118068	8.712	ng		98
9) Benzaldehyde	6.451	77	63941	6.259	ng		96
10) Phenol	6.534	94	138952m	8.310	ng		
11) bis(2-Chloroethyl)ether	6.628	93	118691	8.752	ng		94
12) 1,3-Dichlorobenzene	6.839	146	126663	8.789	ng		98
13) 1,4-Dichlorobenzene	6.916	146	129304	8.871	ng		99
14) 1,2-Dichlorobenzene	7.069	146	122054	8.983	ng		98
15) Benzyl Alcohol	7.034	79	89602	8.083	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	180527	8.354	ng		94
17) 2-Methylphenol	7.145	107	91226	8.008	ng		96
18) Hexachloroethane	7.410	117	42957	7.887	ng	#	87
19) n-Nitroso-di-n-propyla...	7.298	70	81137	8.287	ng		97
20) 3+4-Methylphenols	7.298	107	111108	7.936	ng	#	86
22) Acetophenone	7.304	105	163960	10.091	ng		99
24) Nitrobenzene	7.475	77	116430	9.293	ng		98
25) Isophorone	7.716	82	208741	9.430	ng		99
26) 2-Nitrophenol	7.798	139	50076	7.957	ng		92
27) 2,4-Dimethylphenol	7.828	122	95464m	9.755	ng		
28) bis(2-Chloroethoxy)met...	7.928	93	133841	9.077	ng		99
29) 2,4-Dichlorophenol	8.039	162	79606	8.182	ng		95
30) 1,2,4-Trichlorobenzene	8.122	180	87383	8.656	ng		98
31) Naphthalene	8.204	128	314864	9.439	ng		99
32) Benzoic acid	7.886	122	43768m	5.758	ng		
33) 4-Chloroaniline	8.251	127	91373	6.605	ng		97
34) Hexachlorobutadiene	8.316	225	51714	9.105	ng		99
35) Caprolactam	8.592	113	24283	7.514	ng	#	83
36) 4-Chloro-3-methylphenol	8.728	107	78049	7.354	ng		92
37) 2-Methylnaphthalene	8.898	142	192897	8.872	ng		99
38) 1-Methylnaphthalene	8.992	142	177268	8.431	ng		97
40) 1,2,4,5-Tetrachloroben...	9.063	216	77937	9.874	ng		99
41) Hexachlorocyclopentadiene	9.045	237	13144	3.309	ng		98
43) 2,4,6-Trichlorophenol	9.175	196	49087	8.446	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	50564	8.225	ng	#	92
46) 1,1'-Biphenyl	9.357	154	222950	9.929	ng		98
47) 2-Chloronaphthalene	9.386	162	171834	9.716	ng		95
48) 2-Nitroaniline	9.480	65	49984	8.412	ng		87
49) Acenaphthylene	9.804	152	268844	10.100	ng		99
50) Dimethylphthalate	9.651	163	195286	9.480	ng		98
51) 2,6-Dinitrotoluene	9.716	165	38070	8.540	ng		92
52) Acenaphthene	9.975	154	153410	8.817	ng		99
53) 3-Nitroaniline	9.886	138	42401	7.965	ng		93
55) Dibenzofuran	10.145	168	229064	9.274	ng		99
56) 4-Nitrophenol	10.045	139	65812	15.620	ng		96
57) 2,4-Dinitrotoluene	10.122	165	46830	8.011	ng		97
58) Fluorene	10.486	166	189696	10.097	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	38488m	8.104	ng		
60) Diethylphthalate	10.351	149	189205	9.497	ng		97
61) 4-Chlorophenyl-phenyle...	10.480	204	82935	9.530	ng		99
62) 4-Nitroaniline	10.498	138	44092	8.366	ng		91
63) Azobenzene	10.639	77	179004	8.417	ng		94
66) n-Nitrosodiphenylamine	10.592	169	158869	9.168	ng		98
67) 4-Bromophenyl-phenylether	10.969	248	49532	8.664	ng		92
68) Hexachlorobenzene	11.039	284	53613	8.934	ng		96
69) Atrazine	11.116	200	50294	10.469	ng		94
70) Pentachlorophenol	11.233	266	54799	15.356	ng		98
71) Phenanthrene	11.451	178	335191	12.156	ng		97
72) Anthracene	11.504	178	293115	10.701	ng		98
73) Carbazole	11.657	167	261599	9.575	ng		98
74) Di-n-butylphthalate	11.980	149	311448	9.919	ng		98
75) Fluoranthene	12.645	202	465987	16.968	ng		98
77) Benzidine	12.768	184	85242	6.117	ng		98
78) Pyrene	12.874	202	470780	11.676	ng		98
80) Butylbenzylphthalate	13.486	149	148292	8.257	ng		95
81) Benzo(a)anthracene	14.063	228	350070	11.149	ng		98
82) 3,3'-Dichlorobenzidine	14.027	252	88701	11.292	ng	#	97
83) Chrysene	14.104	228	347711	11.601	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	215325	9.010	ng		99
85) Di-n-octyl phthalate	14.657	149	358638	10.463	ng		98
87) Indeno(1,2,3-cd)pyrene	17.086	276	207964	8.817	ng		98
88) Benzo(b)fluoranthene	15.127	252	324174	13.951	ng	#	96
89) Benzo(k)fluoranthene	15.157	252	241082	10.619	ng		98
90) Benzo(a)pyrene	15.509	252	234593	12.401	ng	#	97
91) Dibenzo(a,h)anthracene	17.098	278	161915	8.487	ng		97
92) Benzo(g,h,i)perylene	17.545	276	181201	9.292	ng		97

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

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