Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062022\
Data File : BF128884.D
Acq On : 20 Jun 2022 18:49
Operator : CG\JU
Sample : N3301-04MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 06/21/2022
Supervised By :Jagrut Upadhyay 06/21/2022

Quant Time: Jun 21 01:18:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 21 00:40:09 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.775	152	108256	20.000	ng		0.00
21) Naphthalene-d8	8.057	136	439608	20.000	ng		0.00
39) Acenaphthene-d10	9.816	164	244759	20.000	ng		0.00
64) Phenanthrene-d10	11.304	188	390677	20.000	ng		0.00
76) Chrysene-d12	13.951	240	216141	20.000	ng	#	0.00
86) Perylene-d12	15.398	264	174774	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	840322	123.641	ng		0.02
7) Phenol-d6	6.439	99	1005692	121.223	ng		0.00
23) Nitrobenzene-d5	7.351	82	888986	94.152	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	403974	139.689	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	1666863	95.398	ng		0.00
79) Terphenyl-d14	12.892	244	1540985	123.885	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	104537	41.431	ng	#	82
3) Pyridine	3.410	79	200403	29.899	ng		95
4) n-Nitrosodimethylamine	3.346	42	201527	43.357	ng	#	81
6) Aniline	6.439	93	192061	21.466	ng	#	17
8) 2-Chlorophenol	6.575	128	364943	52.476	ng		98
9) Benzaldehyde	6.328	77	102794	20.338	ng		92
10) Phenol	6.451	94	386184	44.036	ng		80
11) bis(2-Chloroethyl)ether	6.516	93	358250	55.749	ng		99
12) 1,3-Dichlorobenzene	6.716	146	414794	51.593	ng		97
13) 1,4-Dichlorobenzene	6.792	146	414060	50.994	ng		99
14) 1,2-Dichlorobenzene	6.945	146	386359	50.867	ng		97
15) Benzyl Alcohol	6.934	79	356805	51.403	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.051	45	534840	50.515	ng	#	1
17) 2-Methylphenol	7.051	107	286019	52.038	ng	#	83
18) Hexachloroethane	7.286	117	166733	55.193	ng		98
19) n-Nitroso-di-n-propyla...	7.198	70	290430	56.304	ng		97
20) 3+4-Methylphenols	7.204	107	378928	51.640	ng	#	87
22) Acetophenone	7.192	105	559512	48.663	ng		96
24) Nitrobenzene	7.369	77	457523	52.780	ng		100
25) Isophorone	7.604	82	824836	57.518	ng	#	96
26) 2-Nitrophenol	7.681	139	206684	54.116	ng	#	89
27) 2,4-Dimethylphenol	7.728	122	353432	60.749	ng		94
28) bis(2-Chloroethoxy)met...	7.810	93	475414	52.443	ng		99
29) 2,4-Dichlorophenol	7.933	162	346421	51.447	ng		99
30) 1,2,4-Trichlorobenzene	7.998	180	370741	48.898	ng		98
31) Naphthalene	8.081	128	1155600	51.221	ng		99
32) Benzoic acid	7.886	122	156041	37.804	ng		93
33) 4-Chloroaniline	8.133	127	159081	18.702	ng		98
34) Hexachlorobutadiene	8.192	225	257052	47.806	ng		99
35) Caprolactam	8.533	113	78693m	42.262	ng		
36) 4-Chloro-3-methylphenol	8.639	107	376520	51.237	ng		95
37) 2-Methylnaphthalene	8.775	142	748953	52.192	ng		99
38) 1-Methylnaphthalene	8.875	142	707461	51.027	ng		100
40) 1,2,4,5-Tetrachloroben...	8.939	216	394970	51.960	ng		100
41) Hexachlorocyclopentadiene	8.922	237	303726	66.472	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	250895	48.808	ng		97

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44) 2,4,5-Trichlorophenol	9.116	196	258590	48.677	ng		97
46) 1,1'-Biphenyl	9.239	154	954816	51.992	ng		99
47) 2-Chloronaphthalene	9.263	162	733963	52.376	ng		98
48) 2-Nitroaniline	9.369	65	258631	53.972	ng		95
49) Acenaphthylene	9.680	152	1164511	54.281	ng		100
50) Dimethylphthalate	9.545	163	898065	53.606	ng		100
51) 2,6-Dinitrotoluene	9.610	165	193943	58.653	ng	#	78
52) Acenaphthene	9.851	154	677587	48.501	ng		100
53) 3-Nitroaniline	9.780	138	121924	33.974	ng		98
54) 2,4-Dinitrophenol	9.898	184	189666	102.982	ng		94
55) Dibenzofuran	10.022	168	1021834	50.893	ng		93
56) 4-Nitrophenol	9.980	139	179315	68.931	ng	#	76
57) 2,4-Dinitrotoluene	10.022	165	253931	57.544	ng	#	79
58) Fluorene	10.369	166	829356	53.263	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	207085	47.196	ng		97
60) Diethylphthalate	10.245	149	894179	53.105	ng		100
61) 4-Chlorophenyl-phenyle...	10.357	204	424850	52.605	ng		92
62) 4-Nitroaniline	10.404	138	184487	50.773	ng	#	83
63) Azobenzene	10.522	77	865961	52.241	ng		98
65) 4,6-Dinitro-2-methylph...	10.433	198	139165	60.361	ng		94
66) n-Nitrosodiphenylamine	10.480	169	757761	63.105	ng		98
67) 4-Bromophenyl-phenylether	10.845	248	274311	62.962	ng		93
68) Hexachlorobenzene	10.916	284	301924	62.401	ng		95
69) Atrazine	11.016	200	239436	62.005	ng		98
70) Pentachlorophenol	11.122	266	191946	79.472	ng		97
71) Phenanthrene	11.333	178	1041343	53.142	ng		99
72) Anthracene	11.380	178	1063967	54.857	ng		100
73) Carbazole	11.545	167	913979	50.736	ng		99
74) Di-n-butylphthalate	11.869	149	1171000	53.389	ng		99
75) Fluoranthene	12.521	202	1004001	49.016	ng		96
77) Benzidine	12.639	184	48157	11.177	ng		100
78) Pyrene	12.751	202	985779	61.302	ng		98
80) Butylbenzylphthalate	13.368	149	409238	60.600	ng		91
81) Benzo(a)anthracene	13.939	228	743209	55.164	ng		99
82) 3,3'-Dichlorobenzidine	13.898	252	155591	53.980	ng		100
83) Chrysene	13.974	228	686978	53.484	ng		98
84) Bis(2-ethylhexyl)phtha...	13.921	149	573326	65.304	ng		99
85) Di-n-octyl phthalate	14.533	149	785356	59.394	ng		99
87) Indeno(1,2,3-cd)pyrene	16.839	276	645830	61.308	ng	#	91
88) Benzo(b)fluoranthene	14.980	252	621345	55.637	ng	#	96
89) Benzo(k)fluoranthene	15.009	252	581828	55.383	ng	#	97
90) Benzo(a)pyrene	15.339	252	565408	64.415	ng	#	96
91) Dibenzo(a,h)anthracene	16.851	278	563299	64.467	ng	#	95
92) Benzo(g,h,i)perylene	17.274	276	550011	63.512	ng	#	92

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

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