Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062022\
Data File : BF128885.D
Acq On : 20 Jun 2022 19:18
Operator : CG\JU
Sample : N3301-04MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-SO-20220609MSD

Manual Integrations APPROVED

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

Quant Time: Jun 21 01:18:49 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	110205	20.000	ng		0.00
21) Naphthalene-d8	8.057	136	355723	20.000	ng	#	0.00
39) Acenaphthene-d10	9.816	164	198969	20.000	ng		0.00
64) Phenanthrene-d10	11.304	188	372131	20.000	ng		0.00
76) Chrysene-d12	13.951	240	214625	20.000	ng	#	0.00
86) Perylene-d12	15.392	264	177533	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	838439	121.183	ng		0.02
7) Phenol-d6	6.439	99	999980	118.402	ng		0.00
23) Nitrobenzene-d5	7.345	82	861825	112.799	ng		0.00
42) 2,4,6-Tribromophenol	10.616	330	338605	144.031	ng		0.00
45) 2-Fluorobiphenyl	9.139	172	1428944	100.602	ng		0.00
79) Terphenyl-d14	12.892	244	1518736	122.959	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.704	88	99851	38.874	ng	#	80
3) Pyridine	3.404	79	196273	28.765	ng	#	92
4) n-Nitrosodimethylamine	3.334	42	200539	42.382	ng	#	77
6) Aniline	6.439	93	183989	20.200	ng	#	7
8) 2-Chlorophenol	6.575	128	367160	51.862	ng		99
9) Benzaldehyde	6.328	77	102232	19.869	ng		92
10) Phenol	6.451	94	383508	42.958	ng		81
11) bis(2-Chloroethyl)ether	6.516	93	371472	56.784	ng		99
12) 1,3-Dichlorobenzene	6.716	146	404370	49.407	ng		96
13) 1,4-Dichlorobenzene	6.792	146	416295	50.363	ng		99
14) 1,2-Dichlorobenzene	6.945	146	397249	51.376	ng		98
15) Benzyl Alcohol	6.934	79	367125	51.954	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.057	45	564325	52.357	ng	#	30
17) 2-Methylphenol	7.051	107	292610	52.295	ng	#	83
18) Hexachloroethane	7.286	117	161974	52.670	ng		98
19) n-Nitroso-di-n-propyla...	7.198	70	298294	56.806	ng		98
20) 3+4-Methylphenols	7.204	107	389728	52.172	ng	#	86
22) Acetophenone	7.192	105	571237	61.398	ng		96
24) Nitrobenzene	7.363	77	438255	62.480	ng		96
25) Isophorone	7.610	82	776799	66.942	ng		97
26) 2-Nitrophenol	7.681	139	196294	63.516	ng	#	90
27) 2,4-Dimethylphenol	7.728	122	326046	69.257	ng		95
28) bis(2-Chloroethoxy)met...	7.810	93	387523	52.828	ng		98
29) 2,4-Dichlorophenol	7.933	162	284395	52.195	ng		98
30) 1,2,4-Trichlorobenzene	7.998	180	305408	49.780	ng		99
31) Naphthalene	8.080	128	955201	52.323	ng		99
32) Benzoic acid	7.886	122	125993	37.722	ng		85
33) 4-Chloroaniline	8.133	127	130776	19.000	ng		94
34) Hexachlorobutadiene	8.192	225	214105	49.208	ng		100
35) Caprolactam	8.528	113	63849m	42.377	ng		
36) 4-Chloro-3-methylphenol	8.639	107	316723	53.263	ng		96
37) 2-Methylnaphthalene	8.775	142	622676	53.624	ng		99
38) 1-Methylnaphthalene	8.875	142	595556	53.085	ng		99
40) 1,2,4,5-Tetrachloroben...	8.939	216	333562	53.980	ng		100
41) Hexachlorocyclopentadiene	8.922	237	258318	69.544	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	209886	50.227	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	214755	49.729	ng		96
46) 1,1'-Biphenyl	9.239	154	806349	54.012	ng		99
47) 2-Chloronaphthalene	9.263	162	620922	54.506	ng		98
48) 2-Nitroaniline	9.369	65	221292	56.808	ng		96
49) Acenaphthylene	9.680	152	981963	56.306	ng		99
50) Dimethylphthalate	9.545	163	751387	55.172	ng		100
51) 2,6-Dinitrotoluene	9.610	165	163501	60.826	ng	#	79
52) Acenaphthene	9.851	154	562811	49.556	ng		100
53) 3-Nitroaniline	9.780	138	103343	35.424	ng	#	99
54) 2,4-Dinitrophenol	9.898	184	159405	106.470	ng		93
55) Dibenzofuran	10.022	168	857869	52.559	ng		93
56) 4-Nitrophenol	9.980	139	146067	69.072	ng	#	78
57) 2,4-Dinitrotoluene	10.022	165	214522	59.801	ng	#	82
58) Fluorene	10.369	166	699069	55.228	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	171303	48.025	ng		96
60) Diethylphthalate	10.245	149	754085	55.091	ng		99
61) 4-Chlorophenyl-phenyle...	10.357	204	353382	53.825	ng		90
62) 4-Nitroaniline	10.404	138	139220	47.133	ng	#	83
63) Azobenzene	10.516	77	721738	53.561	ng		96
65) 4,6-Dinitro-2-methylph...	10.433	198	114250	52.024	ng		91
66) n-Nitrosodiphenylamine	10.480	169	629504	55.036	ng		99
67) 4-Bromophenyl-phenylether	10.845	248	228819	55.138	ng	#	92
68) Hexachlorobenzene	10.916	284	252663	54.822	ng		94
69) Atrazine	11.016	200	208196	56.602	ng		98
70) Pentachlorophenol	11.121	266	184699	80.283	ng		99
71) Phenanthrene	11.333	178	992910	53.195	ng		98
72) Anthracene	11.380	178	1012752	54.818	ng		99
73) Carbazole	11.539	167	874333	50.954	ng		99
74) Di-n-butylphthalate	11.868	149	1169000	55.954	ng		99
75) Fluoranthene	12.521	202	1002232	51.368	ng		95
77) Benzidine	12.639	184	47279	11.051	ng		98
78) Pyrene	12.751	202	990701	62.043	ng		98
80) Butylbenzylphthalate	13.363	149	416635	62.131	ng		99
81) Benzo(a)anthracene	13.939	228	749739	56.041	ng		99
82) 3,3'-Dichlorobenzidine	13.898	252	166012	58.002	ng		99
83) Chrysene	13.974	228	680634	53.364	ng		100
84) Bis(2-ethylhexyl)phtha...	13.921	149	578612	66.371	ng		99
85) Di-n-octyl phthalate	14.533	149	810509	61.729	ng		100
87) Indeno(1,2,3-cd)pyrene	16.839	276	641430	59.944	ng	#	92
88) Benzo(b)fluoranthene	14.980	252	626436	55.221	ng	#	97
89) Benzo(k)fluoranthene	15.009	252	584980	54.818	ng	#	97
90) Benzo(a)pyrene	15.339	252	570877	64.028	ng	#	97
91) Dibenzo(a,h)anthracene	16.851	278	562815	63.411	ng	#	96
92) Benzo(g,h,i)perylene	17.274	276	551381	62.681	ng	#	91

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

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