Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032322\
Data File : BF127484.D
Acq On : 23 Mar 2022 16:56
Operator : CG\JU
Sample : N2058-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MHAMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

Quant Time: Mar 24 02:12:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 22 02:16:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	91365	20.000	ng		0.00
21) Naphthalene-d8	8.134	136	335947	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	191747	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	310182	20.000	ng		0.00
76) Chrysene-d12	14.027	240	183589	20.000	ng		0.00
86) Perylene-d12	15.504	264	183057	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	766548	133.922	ng		0.03
7) Phenol-d6	6.493	99	979985	125.253	ng		0.00
23) Nitrobenzene-d5	7.422	82	758892	96.561	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	270912	132.631	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	1232387	93.851	ng		0.00
79) Terphenyl-d14	12.963	244	1058099	94.348	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.840	88	130523	51.919	ng	#	78
3) Pyridine	3.552	79	235172	33.144	ng		98
4) n-Nitrosodimethylamine	3.504	42	208696	53.570	ng		98
6) Aniline	6.522	93	94575	10.129	ng	#	57
8) 2-Chlorophenol	6.640	128	318842	54.510	ng		97
9) Benzaldehyde	6.410	77	151263	37.283	ng		97
10) Phenol	6.504	94	390682	45.851	ng		99
11) bis(2-Chloroethyl)ether	6.587	93	356837	57.234	ng		99
12) 1,3-Dichlorobenzene	6.787	146	334304	50.815	ng		98
13) 1,4-Dichlorobenzene	6.863	146	338438	51.142	ng		97
14) 1,2-Dichlorobenzene	7.016	146	325218	50.458	ng		99
15) Benzyl Alcohol	6.998	79	264097	46.446	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	585963	52.228	ng		80
17) 2-Methylphenol	7.110	107	266418	53.971	ng	#	93
18) Hexachloroethane	7.351	117	126181	52.083	ng		94
19) n-Nitroso-di-n-propyla...	7.269	70	255841	54.552	ng		99
20) 3+4-Methylphenols	7.263	107	315622	51.838	ng	#	81
22) Acetophenone	7.263	105	441947	51.463	ng		96
24) Nitrobenzene	7.440	77	395996	52.834	ng		99
25) Isophorone	7.675	82	722434	57.714	ng		100
26) 2-Nitrophenol	7.751	139	165835	52.755	ng		99
27) 2,4-Dimethylphenol	7.787	122	289468	61.217	ng		95
28) bis(2-Chloroethoxy)met...	7.881	93	424134	52.160	ng		100
29) 2,4-Dichlorophenol	7.998	162	278849	51.947	ng		97
30) 1,2,4-Trichlorobenzene	8.069	180	309977	49.555	ng		99
31) Naphthalene	8.151	128	925867	51.910	ng		99
32) Benzoic acid	7.957	122	147672	53.542	ng		94
33) 4-Chloroaniline	8.228	127	38689	5.598	ng		96
34) Hexachlorobutadiene	8.257	225	193606	48.741	ng		98
35) Caprolactam	8.598	113	70541m	42.626	ng		
36) 4-Chloro-3-methylphenol	8.698	107	303633	52.134	ng		97
37) 2-Methylnaphthalene	8.845	142	599574	52.279	ng		100
38) 1-Methylnaphthalene	8.945	142	574357	50.647	ng		98
40) 1,2,4,5-Tetrachloroben...	9.010	216	308749	50.642	ng		98
41) Hexachlorocyclopentadiene	8.992	237	233549	99.021	ng		96
43) 2,4,6-Trichlorophenol	9.128	196	189700	51.475	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	205930	54.283	ng		94
46) 1,1'-Biphenyl	9.310	154	732179	50.558	ng		99
47) 2-Chloronaphthalene	9.339	162	584055	51.214	ng		99
48) 2-Nitroaniline	9.445	65	208359	47.672	ng		93
49) Acenaphthylene	9.751	152	910398	52.806	ng		100
50) Dimethylphthalate	9.616	163	709718	53.204	ng		100
51) 2,6-Dinitrotoluene	9.681	165	149980	53.562	ng		96
52) Acenaphthene	9.922	154	518307	51.526	ng		98
53) 3-Nitroaniline	9.857	138	26669	8.683	ng		100
54) 2,4-Dinitrophenol	9.969	184	142176	98.363	ng	#	90
55) Dibenzofuran	10.098	168	758620	52.844	ng		99
56) 4-Nitrophenol	10.033	139	127026	81.253	ng		96
57) 2,4-Dinitrotoluene	10.092	165	175563	48.711	ng		94
58) Fluorene	10.439	166	609316	52.705	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	174600	52.057	ng		96
60) Diethylphthalate	10.310	149	595692	48.892	ng		98
61) 4-Chlorophenyl-phenyle...	10.428	204	324701	47.097	ng		99
62) 4-Nitroaniline	10.475	138	92308	32.084	ng		99
63) Azobenzene	10.592	77	693080	48.210	ng		98
65) 4,6-Dinitro-2-methylph...	10.504	198	95216	49.887	ng		91
66) n-Nitrosodiphenylamine	10.551	169	429048	45.440	ng		98
67) 4-Bromophenyl-phenylether	10.916	248	197929	54.655	ng		93
68) Hexachlorobenzene	10.986	284	218574	55.293	ng		98
69) Atrazine	11.075	200	110937	35.292	ng		97
70) Pentachlorophenol	11.186	266	169124	108.214	ng		97
71) Phenanthrene	11.404	178	836218	51.711	ng		99
72) Anthracene	11.457	178	854907	53.273	ng		99
73) Carbazole	11.616	167	604820	39.410	ng		99
74) Di-n-butylphthalate	11.933	149	828256	52.139	ng		99
75) Fluoranthene	12.598	202	801586	45.067	ng		100
77) Benzidine	12.739	184	16275	3.718	ng	#	96
78) Pyrene	12.827	202	789091	50.082	ng		99
80) Butylbenzylphthalate	13.433	149	257214	49.601	ng		95
81) Benzo(a)anthracene	14.016	228	642086	52.298	ng		100
82) 3,3'-Dichlorobenzidine	13.980	252	21553	5.973	ng	#	99
83) Chrysene	14.051	228	606529	52.170	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	339099	56.569	ng		99
85) Di-n-octyl phthalate	14.598	149	589737	73.931	ng		100
87) Indeno(1,2,3-cd)pyrene	17.009	276	627746	50.679	ng		99
88) Benzo(b)fluoranthene	15.074	252	638504	55.319	ng		100
89) Benzo(k)fluoranthene	15.104	252	629325	52.595	ng		99
90) Benzo(a)pyrene	15.445	252	619087	65.356	ng	#	97
91) Dibenzo(a,h)anthracene	17.021	278	567958	55.537	ng		99
92) Benzo(g,h,i)perylene	17.468	276	524186	49.590	ng		99

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

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