Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
Data File : BF127393.D
Acq On : 18 Mar 2022 15:51
Operator : CG\JU
Sample : N1949-15MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CP-BH1-031422-4-6-DUPMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/21/2022

Quant Time: Mar 19 01:51:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 19 01:50:04 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	88399	20.000	ng		0.00
21) Naphthalene-d8	8.140	136	332235	20.000	ng	#	0.00
39) Acenaphthene-d10	9.898	164	201001	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	377438	20.000	ng	#	0.00
76) Chrysene-d12	14.039	240	249580	20.000	ng	#	0.00
86) Perylene-d12	15.521	264	224459	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	453309	82.436	ng		0.00
7) Phenol-d6	6.498	99	629133	83.168	ng		0.00
23) Nitrobenzene-d5	7.428	82	431027	53.578	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	175740	81.220	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	765933	53.874	ng		0.00
79) Terphenyl-d14	12.974	244	929079	64.101	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	81961	28.746	ng	#	81
3) Pyridine	3.428	79	245478	32.353	ng	#	75
4) n-Nitrosodimethylamine	3.399	42	157109	37.373	ng	#	64
6) Aniline	6.522	93	301462	33.346	ng	#	90
8) 2-Chlorophenol	6.645	128	240231	42.229	ng		94
9) Benzaldehyde	6.410	77	152696	37.713	ng		92
10) Phenol	6.510	94	339034	40.799	ng		81
11) bis(2-Chloroethyl)ether	6.593	93	255431	41.392	ng		91
12) 1,3-Dichlorobenzene	6.798	146	252254	39.503	ng		98
13) 1,4-Dichlorobenzene	6.875	146	253109	39.511	ng		98
14) 1,2-Dichlorobenzene	7.028	146	244591	40.568	ng		97
15) Benzyl Alcohol	7.004	79	239677	42.271	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.128	45	456385	39.409	ng		94
17) 2-Methylphenol	7.116	107	199258	41.202	ng	#	90
18) Hexachloroethane	7.363	117	97118	39.466	ng	#	86
19) n-Nitroso-di-n-propyla...	7.275	70	187991	39.824	ng		89
20) 3+4-Methylphenols	7.269	107	236645	37.731	ng	#	85
22) Acetophenone	7.269	105	327322	35.984	ng	#	82
24) Nitrobenzene	7.445	77	293667	38.595	ng		94
25) Isophorone	7.681	82	541541	41.864	ng		97
26) 2-Nitrophenol	7.763	139	124501	39.511	ng	#	82
27) 2,4-Dimethylphenol	7.798	122	207031	43.768	ng		96
28) bis(2-Chloroethoxy)met...	7.892	93	319619	38.995	ng		99
29) 2,4-Dichlorophenol	8.004	162	212864	39.294	ng		98
30) 1,2,4-Trichlorobenzene	8.081	180	231974	37.562	ng		98
31) Naphthalene	8.163	128	689129	38.884	ng		100
32) Benzoic acid	7.945	122	112948	36.236	ng		92
33) 4-Chloroaniline	8.216	127	131910	19.202	ng	#	94
34) Hexachlorobutadiene	8.275	225	150510	36.547	ng		99
35) Caprolactam	8.598	113	70010m	43.261	ng		
36) 4-Chloro-3-methylphenol	8.704	107	238789	40.670	ng		99
37) 2-Methylnaphthalene	8.857	142	454544	39.251	ng		96
38) 1-Methylnaphthalene	8.957	142	433562	38.944	ng		99
40) 1,2,4,5-Tetrachloroben...	9.022	216	236713	37.201	ng	#	94
41) Hexachlorocyclopentadiene	9.004	237	199465	75.487	ng		97
43) 2,4,6-Trichlorophenol	9.139	196	152595	37.997	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	162786m	38.192	ng		
46) 1,1'-Biphenyl	9.322	154	574765	37.887	ng		97
47) 2-Chloronaphthalene	9.345	162	445969	37.765	ng		100
48) 2-Nitroaniline	9.451	65	179663	39.542	ng		91
49) Acenaphthylene	9.763	152	730700	40.433	ng		98
50) Dimethylphthalate	9.622	163	559728	38.862	ng		99
51) 2,6-Dinitrotoluene	9.692	165	120545	41.375	ng		91
52) Acenaphthene	9.934	154	410595	38.115	ng		98
53) 3-Nitroaniline	9.863	138	86781	27.333	ng		91
54) 2,4-Dinitrophenol	9.981	184	116549	72.946	ng		88
55) Dibenzofuran	10.110	168	613380	36.651	ng		99
56) 4-Nitrophenol	10.039	139	153628	79.610	ng	#	71
57) 2,4-Dinitrotoluene	10.098	165	157476	41.081	ng	#	91
58) Fluorene	10.451	166	496296	38.244	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	141479	39.943	ng	#	77
60) Diethylphthalate	10.322	149	518028	39.430	ng		97
61) 4-Chlorophenyl-phenyle...	10.439	204	261122	37.130	ng		90
62) 4-Nitroaniline	10.486	138	125635m	39.710	ng		
63) Azobenzene	10.604	77	579772	38.390	ng		89
65) 4,6-Dinitro-2-methylph...	10.510	198	88571	38.060	ng		85
66) n-Nitrosodiphenylamine	10.563	169	433392	36.972	ng		98
67) 4-Bromophenyl-phenylether	10.933	248	165759	36.432	ng		92
68) Hexachlorobenzene	10.998	284	183960	37.100	ng		90
69) Atrazine	11.092	200	168525	41.663	ng		95
70) Pentachlorophenol	11.198	266	162656	81.245	ng		98
71) Phenanthrene	11.422	178	738122	37.046	ng		99
72) Anthracene	11.475	178	758462	38.438	ng		99
73) Carbazole	11.628	167	690409	37.155	ng		99
74) Di-n-butylphthalate	11.945	149	833344	38.343	ng		99
75) Fluoranthene	12.610	202	841707	37.782	ng		92
77) Benzidine	12.733	184	205938	32.448	ng	#	97
78) Pyrene	12.839	202	838077	43.112	ng		99
80) Butylbenzylphthalate	13.451	149	306765	41.003	ng	#	89
81) Benzo(a)anthracene	14.033	228	647369	38.523	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	124351	23.799	ng	#	96
83) Chrysene	14.069	228	594357	38.026	ng		99
84) Bis(2-ethylhexyl)phtha...	14.004	149	395913	39.311	ng	#	96
85) Di-n-octyl phthalate	14.616	149	617885	40.535	ng	#	95
87) Indeno(1,2,3-cd)pyrene	17.033	276	592035	43.784	ng	#	84
88) Benzo(b)fluoranthene	15.092	252	585746	39.756	ng	#	91
89) Benzo(k)fluoranthene	15.121	252	536231	38.708	ng	#	92
90) Benzo(a)pyrene	15.463	252	546477	47.102	ng	#	93
91) Dibenzo(a,h)anthracene	17.045	278	525512	46.696	ng	#	90
92) Benzo(g,h,i)perylene	17.492	276	516109	47.014	ng	#	84

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

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