Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041122\
Data File : BF127745.D
Acq On : 11 Apr 2022 18:21
Operator : CG\JU
Sample : N2337-02MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B250-CUMSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 04/12/2022
Supervised By :Jagrut Upadhyay 04/13/2022

Quant Time: Apr 12 04:56:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 06 13:55:27 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.969	152	135630	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	495896	20.000	ng	#	0.00
39) Acenaphthene-d10	10.016	164	280046	20.000	ng		0.00
64) Phenanthrene-d10	11.504	188	451041	20.000	ng		0.00
76) Chrysene-d12	14.157	240	293337	20.000	ng		0.00
86) Perylene-d12	15.686	264	306743	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.592	112	875357	104.871	ng		0.01
7) Phenol-d6	6.592	99	1134264	103.874	ng		0.01
23) Nitrobenzene-d5	7.534	82	811002	72.909	ng		0.00
42) 2,4,6-Tribromophenol	10.810	330	324980	109.050	ng		0.00
45) 2-Fluorobiphenyl	9.328	172	1316568	66.507	ng		0.00
79) Terphenyl-d14	13.092	244	1068958	60.150	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.875	88	147904	37.358	ng		84
3) Pyridine	3.634	79	386477	37.063	ng		85
4) n-Nitrosodimethylamine	3.604	42	238542	42.537	ng	#	99
6) Aniline	6.634	93	480039	36.859	ng		94
8) 2-Chlorophenol	6.751	128	418158	49.386	ng		94
9) Benzaldehyde	6.522	77	310938	60.536	ng		95
10) Phenol	6.604	94	515977m	47.256	ng		
11) bis(2-Chloroethyl)ether	6.704	93	418507	46.413	ng		90
12) 1,3-Dichlorobenzene	6.910	146	441523	45.636	ng		96
13) 1,4-Dichlorobenzene	6.987	146	448425	45.851	ng		98
14) 1,2-Dichlorobenzene	7.139	146	430439	46.044	ng		100
15) Benzyl Alcohol	7.110	79	421984	44.204	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.239	45	608767	42.771	ng		96
17) 2-Methylphenol	7.216	107	348773	47.354	ng		99
18) Hexachloroethane	7.481	117	171118	45.853	ng		98
19) n-Nitroso-di-n-propyla...	7.381	70	316482	44.811	ng		95
20) 3+4-Methylphenols	7.369	107	418699	44.610	ng	#	75
22) Acetophenone	7.381	105	574897	43.142	ng	#	84
24) Nitrobenzene	7.551	77	496444	46.041	ng		98
25) Isophorone	7.792	82	921782	47.491	ng		99
26) 2-Nitrophenol	7.869	139	208057	53.692	ng		89
27) 2,4-Dimethylphenol	7.898	122	386179	50.901	ng		91
28) bis(2-Chloroethoxy)met...	7.998	93	521308	43.558	ng		99
29) 2,4-Dichlorophenol	8.104	162	374360	45.805	ng		97
30) 1,2,4-Trichlorobenzene	8.192	180	418710	44.515	ng		96
31) Naphthalene	8.275	128	1164961	44.832	ng		99
32) Benzoic acid	8.016	122	213317	38.754	ng		99
33) 4-Chloroaniline	8.316	127	140735	13.752	ng		96
34) Hexachlorobutadiene	8.386	225	288204	44.543	ng		98
35) Caprolactam	8.704	113	117024m	48.446	ng		
36) 4-Chloro-3-methylphenol	8.798	107	396442	46.267	ng		98
37) 2-Methylnaphthalene	8.969	142	775925	44.646	ng		98
38) 1-Methylnaphthalene	9.069	142	750422	44.735	ng		100
40) 1,2,4,5-Tetrachloroben...	9.133	216	431746	47.004	ng		99
41) Hexachlorocyclopentadiene	9.116	237	362432	65.504	ng		96
43) 2,4,6-Trichlorophenol	9.245	196	278794	44.707	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.280	196	294041	46.729	ng		98
46) 1,1'-Biphenyl	9.433	154	978125	45.670	ng		99
47) 2-Chloronaphthalene	9.457	162	776341	45.613	ng		98
48) 2-Nitroaniline	9.557	65	264906	50.114	ng		88
49) Acenaphthylene	9.880	152	1233020	47.628	ng		100
50) Dimethylphthalate	9.733	163	954407	47.017	ng		99
51) 2,6-Dinitrotoluene	9.798	165	200656	52.441	ng		93
52) Acenaphthene	10.051	154	744236	45.630	ng		98
53) 3-Nitroaniline	9.969	138	119003	29.440	ng		89
54) 2,4-Dinitrophenol	10.069	184	87357	48.315	ng		95
55) Dibenzofuran	10.222	168	1065589	44.771	ng		96
56) 4-Nitrophenol	10.127	139	268325	84.511	ng	#	83
57) 2,4-Dinitrotoluene	10.198	165	265121	55.887	ng		91
58) Fluorene	10.569	166	796511	45.293	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.333	232	239190	43.623	ng		99
60) Diethylphthalate	10.433	149	889859	45.810	ng		98
61) 4-Chlorophenyl-phenyle...	10.557	204	440115	45.548	ng		98
62) 4-Nitroaniline	10.586	138	165538	43.482	ng		93
63) Azobenzene	10.716	77	901395	41.528	ng		97
65) 4,6-Dinitro-2-methylph...	10.604	198	74808	34.339	ng		91
66) n-Nitrosodiphenylamine	10.675	169	717950	50.541	ng		99
67) 4-Bromophenyl-phenylether	11.045	248	286252	52.293	ng	#	92
68) Hexachlorobenzene	11.110	284	306724	51.258	ng		97
69) Atrazine	11.204	200	268939	56.982	ng		99
70) Pentachlorophenol	11.304	266	283333	79.278	ng		99
71) Phenanthrene	11.533	178	1095114	45.825	ng		99
72) Anthracene	11.586	178	1094125	46.285	ng		99
73) Carbazole	11.739	167	924073	41.718	ng		100
74) Di-n-butylphthalate	12.063	149	1240771	46.859	ng		99
75) Fluoranthene	12.727	202	1063359	40.776	ng		98
77) Benzidine	12.845	184	330245	43.134	ng		100
78) Pyrene	12.957	202	1052126	42.475	ng		99
80) Butylbenzylphthalate	13.568	149	399261	43.291	ng		94
81) Benzo(a)anthracene	14.145	228	945501	48.260	ng		98
82) 3,3'-Dichlorobenzidine	14.110	252	284500	46.580	ng	#	97
83) Chrysene	14.186	228	872965	46.419	ng		99
84) Bis(2-ethylhexyl)phtha...	14.127	149	548334	42.179	ng	#	98
85) Di-n-octyl phthalate	14.751	149	922251	48.518	ng	#	93
87) Indeno(1,2,3-cd)pyrene	17.256	276	781815	40.794	ng		98
88) Benzo(b)fluoranthene	15.233	252	980681	49.698	ng		98
89) Benzo(k)fluoranthene	15.262	252	914624	46.733	ng		99
90) Benzo(a)pyrene	15.621	252	906162	56.499	ng		98
91) Dibenzo(a,h)anthracene	17.280	278	672529	43.310	ng		95
92) Benzo(g,h,i)perylene	17.733	276	632791	39.750	ng		99

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

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