Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
Data File : BF131785.D
Acq On : 22 Dec 2022 19:39
Operator : CG\JU
Sample : N6178-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/23/2022
Supervised By :Jagrut Upadhyay 12/24/2022

Quant Time: Dec 23 03:33:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 03:03:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	78369	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	285061	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	166287	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	322752	20.000	ng		0.00
76) Chrysene-d12	14.051	240	191414	20.000	ng		0.00
86) Perylene-d12	15.539	264	159177	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	615081	132.160	ng		0.02
7) Phenol-d6	6.492	99	806466	128.742	ng		0.00
23) Nitrobenzene-d5	7.428	82	567542	80.825	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	242708	133.351	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	964752	81.272	ng		0.00
79) Terphenyl-d14	12.992	244	1091033	88.834	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	99757	45.868	ng		97
3) Pyridine	3.422	79	272458	43.934	ng		100
4) n-Nitrosodimethylamine	3.398	42	137880	49.142	ng	#	91
6) Aniline	6.522	93	219716	28.411	ng		99
8) 2-Chlorophenol	6.639	128	244817	48.975	ng		98
9) Benzaldehyde	6.404	77	190898	53.734	ng		98
10) Phenol	6.504	94	347758	46.497	ng		97
11) bis(2-Chloroethyl)ether	6.592	93	262786	49.100	ng		99
12) 1,3-Dichlorobenzene	6.792	146	272325	48.194	ng		99
13) 1,4-Dichlorobenzene	6.875	146	274180	47.469	ng		99
14) 1,2-Dichlorobenzene	7.028	146	258888	47.872	ng		98
15) Benzyl Alcohol	7.004	79	271010	48.437	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	340087	49.834	ng		99
17) 2-Methylphenol	7.116	107	220799	46.789	ng		95
18) Hexachloroethane	7.369	117	111436	48.670	ng		98
19) n-Nitroso-di-n-propyla...	7.275	70	213990	47.366	ng		98
20) 3+4-Methylphenols	7.269	107	280713	46.219	ng		96
22) Acetophenone	7.269	105	398994	47.963	ng	#	91
24) Nitrobenzene	7.445	77	329756	46.194	ng		96
25) Isophorone	7.686	82	588884	49.383	ng		98
26) 2-Nitrophenol	7.763	139	133918	48.002	ng		98
27) 2,4-Dimethylphenol	7.798	122	222854	56.085	ng		98
28) bis(2-Chloroethoxy)met...	7.898	93	329869	52.092	ng		99
29) 2,4-Dichlorophenol	8.004	162	220806	46.031	ng		99
30) 1,2,4-Trichlorobenzene	8.086	180	260866	46.259	ng		100
31) Naphthalene	8.169	128	701929	45.088	ng		100
32) Benzoic acid	7.939	122	144830	45.534	ng		96
33) 4-Chloroaniline	8.216	127	45376	7.474	ng		98
34) Hexachlorobutadiene	8.281	225	171452	45.189	ng		99
35) Caprolactam	8.604	113	67023m	46.337	ng		
36) 4-Chloro-3-methylphenol	8.710	107	261554	47.731	ng		98
37) 2-Methylnaphthalene	8.863	142	483204	45.502	ng		99
38) 1-Methylnaphthalene	8.963	142	444583	43.226	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	276880	48.668	ng		98
41) Hexachlorocyclopentadiene	9.010	237	323817	125.632	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	173866	46.783	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	183933	45.717	ng	96
46) 1,1'-Biphenyl	9.328	154	606855	48.517	ng	99
47) 2-Chloronaphthalene	9.357	162	487557	47.603	ng	99
48) 2-Nitroaniline	9.457	65	171601	46.484	ng	95
49) Acenaphthylene	9.775	152	732831	47.704	ng	100
50) Dimethylphthalate	9.633	163	592305	47.338	ng	99
51) 2,6-Dinitrotoluene	9.698	165	129265	48.046	ng	92
52) Acenaphthene	9.945	154	432878	45.999	ng	99
53) 3-Nitroaniline	9.869	138	58526	21.260	ng	97
54) 2,4-Dinitrophenol	9.980	184	154148	95.621	ng	100
55) Dibenzofuran	10.116	168	672687	46.615	ng	98
56) 4-Nitrophenol	10.039	139	189664	96.261	ng	95
57) 2,4-Dinitrotoluene	10.104	165	174842	48.362	ng	91
58) Fluorene	10.463	166	534391	45.803	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	151729m	45.174	ng	
60) Diethylphthalate	10.339	149	566040	46.950	ng	98
61) 4-Chlorophenyl-phenyle...	10.451	204	295587	47.667	ng	99
62) 4-Nitroaniline	10.492	138	122772	44.313	ng	93
63) Azobenzene	10.616	77	641201	48.431	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	101722	45.906	ng	89
66) n-Nitrosodiphenylamine	10.575	169	465678	46.527	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	179094	46.983	ng	98
68) Hexachlorobenzene	11.004	284	193546	46.166	ng	99
69) Atrazine	11.104	200	181027	54.259	ng	99
70) Pentachlorophenol	11.204	266	213678	96.029	ng	98
71) Phenanthrene	11.427	178	789886	44.882	ng	99
72) Anthracene	11.480	178	811101	47.069	ng	98
73) Carbazole	11.639	167	706443	47.385	ng	100
74) Di-n-butylphthalate	11.963	149	882902	47.560	ng	100
75) Fluoranthene	12.621	202	862276	43.993	ng	98
77) Benzidine	12.745	184	362799	103.364	ng	100
78) Pyrene	12.851	202	887570	51.001	ng	100
80) Butylbenzylphthalate	13.468	149	343760	56.005	ng	98
81) Benzo(a)anthracene	14.045	228	650329	47.174	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	106198	27.592	ng	98
83) Chrysene	14.080	228	602904	46.336	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	443998	60.663	ng	99
85) Di-n-octyl phthalate	14.639	149	626381	61.308	ng	100
87) Indeno(1,2,3-cd)pyrene	17.045	276	556610	52.060	ng	99
88) Benzo(b)fluoranthene	15.104	252	505552	44.892	ng	100
89) Benzo(k)fluoranthene	15.133	252	502045	45.686	ng	98
90) Benzo(a)pyrene	15.474	252	435572	48.829	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	454103	51.395	ng	99
92) Benzo(g,h,i)perylene	17.498	276	463641	53.090	ng	100

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

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