Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
Data File : BF131761.D
Acq On : 21 Dec 2022 23:35
Operator : CG\JU
Sample : N6129-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C3MSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 12/22/2022
Supervised By :Jagrut Upadhyay 12/22/2022

Quant Time: Dec 22 05:52:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 03:12:37 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	85179	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	315586	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	183356	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	354550	20.000	ng		0.00
76) Chrysene-d12	14.069	240	232609	20.000	ng	#	0.00
86) Perylene-d12	15.557	264	191158	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	762680	150.773	ng		0.03
7) Phenol-d6	6.510	99	958633	140.798	ng		0.00
23) Nitrobenzene-d5	7.440	82	737066	94.814	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	324130	161.508	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	1271659	97.154	ng		0.00
79) Terphenyl-d14	13.004	244	1551518	103.955	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.846	88	109574	46.354	ng	#	82
3) Pyridine	3.540	79	264668	39.266	ng		98
4) n-Nitrosodimethylamine	3.487	42	159653	52.353	ng		95
6) Aniline	6.534	93	180834	21.514	ng		92
8) 2-Chlorophenol	6.651	128	281796	51.866	ng		99
9) Benzaldehyde	6.422	77	138440	34.141	ng		97
10) Phenol	6.522	94	363922	44.768	ng		99
11) bis(2-Chloroethyl)ether	6.604	93	344441	59.211	ng		97
12) 1,3-Dichlorobenzene	6.804	146	299664	48.792	ng		99
13) 1,4-Dichlorobenzene	6.887	146	303696	48.376	ng		99
14) 1,2-Dichlorobenzene	7.034	146	289533	49.258	ng		99
15) Benzyl Alcohol	7.016	79	273010	44.894	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	378030	50.965	ng		77
17) 2-Methylphenol	7.128	107	270962	52.828	ng		94
18) Hexachloroethane	7.381	117	121748	48.922	ng		93
19) n-Nitroso-di-n-propyla...	7.287	70	249685	50.848	ng		97
20) 3+4-Methylphenols	7.281	107	319183	48.352	ng	#	89
22) Acetophenone	7.281	105	467245	50.734	ng		94
24) Nitrobenzene	7.457	77	387417	49.022	ng		96
25) Isophorone	7.698	82	691310	52.364	ng		99
26) 2-Nitrophenol	7.775	139	155456	50.332	ng		96
27) 2,4-Dimethylphenol	7.816	122	257065	58.437	ng		97
28) bis(2-Chloroethoxy)met...	7.904	93	385332	54.964	ng		100
29) 2,4-Dichlorophenol	8.016	162	265680	50.028	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	303988	48.691	ng		98
31) Naphthalene	8.181	128	822728	47.735	ng		100
32) Benzoic acid	7.951	122	193754	55.024	ng		96
33) 4-Chloroaniline	8.228	127	65823	9.793	ng		98
34) Hexachlorobutadiene	8.292	225	197389	46.993	ng		100
35) Caprolactam	8.616	113	70711m	44.158	ng		
36) 4-Chloro-3-methylphenol	8.722	107	308241	50.811	ng		97
37) 2-Methylnaphthalene	8.875	142	565323	48.086	ng		100
38) 1-Methylnaphthalene	8.975	142	524784	46.088	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	328599	52.382	ng		99
41) Hexachlorocyclopentadiene	9.022	237	382628	134.629	ng		97
43) 2,4,6-Trichlorophenol	9.151	196	204700	49.953	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	226683	51.098	ng		99
46) 1,1'-Biphenyl	9.339	154	723295	52.443	ng		99
47) 2-Chloronaphthalene	9.369	162	573659	50.796	ng		99
48) 2-Nitroaniline	9.469	65	204951	50.350	ng		95
49) Acenaphthylene	9.786	152	863820	50.996	ng		99
50) Dimethylphthalate	9.645	163	702715	50.934	ng		99
51) 2,6-Dinitrotoluene	9.710	165	152877	51.532	ng		95
52) Acenaphthene	9.957	154	523222	50.423	ng		99
53) 3-Nitroaniline	9.881	138	85500	28.167	ng		98
54) 2,4-Dinitrophenol	9.992	184	210002	118.141	ng		94
55) Dibenzofuran	10.128	168	803814	50.517	ng		99
56) 4-Nitrophenol	10.057	139	211364	97.288	ng		92
57) 2,4-Dinitrotoluene	10.116	165	210301	52.755	ng		91
58) Fluorene	10.475	166	646646	50.265	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	184445m	49.802	ng		
60) Diethylphthalate	10.351	149	680977	51.225	ng		98
61) 4-Chlorophenyl-phenyle...	10.463	204	352027	51.484	ng		99
62) 4-Nitroaniline	10.510	138	142782	46.737	ng		95
63) Azobenzene	10.628	77	741629	50.801	ng		99
65) 4,6-Dinitro-2-methylph...	10.528	198	124423	51.115	ng		94
66) n-Nitrosodiphenylamine	10.586	169	556533	50.617	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	212797	50.817	ng		100
68) Hexachlorobenzene	11.016	284	234786	50.980	ng		99
69) Atrazine	11.116	200	208022	56.758	ng		98
70) Pentachlorophenol	11.216	266	279622	114.395	ng		97
71) Phenanthrene	11.439	178	945148	48.888	ng		99
72) Anthracene	11.492	178	964693	50.962	ng		99
73) Carbazole	11.651	167	835799	51.034	ng		100
74) Di-n-butylphthalate	11.975	149	1054634	51.716	ng		100
75) Fluoranthene	12.633	202	1059927	49.227	ng		99
77) Benzidine	12.757	184	150872	35.372	ng		100
78) Pyrene	12.863	202	1077344	50.942	ng		100
80) Butylbenzylphthalate	13.480	149	420467	56.370	ng		99
81) Benzo(a)anthracene	14.057	228	870142	51.940	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	204692	43.764	ng	#	98
83) Chrysene	14.092	228	813890	51.473	ng		98
84) Bis(2-ethylhexyl)phtha...	14.039	149	564535	63.471	ng		99
85) Di-n-octyl phthalate	14.657	149	846589	68.187	ng		99
87) Indeno(1,2,3-cd)pyrene	17.074	276	693362	54.001	ng		100
88) Benzo(b)fluoranthene	15.121	252	688620	50.918	ng		100
89) Benzo(k)fluoranthene	15.151	252	691408	52.392	ng		99
90) Benzo(a)pyrene	15.498	252	579439	54.089	ng		99
91) Dibenzo(a,h)anthracene	17.092	278	575068	54.196	ng		99
92) Benzo(g,h,i)perylene	17.533	276	566229	53.990	ng		98

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

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