Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
Data File : BF130107.D
Acq On : 02 Sep 2022 12:59
Operator : CG\JU
Sample : N4295-05MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 03 05:42:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 18:15:32 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
XRDS-RECYCLED-SAND-SP-A-COMPMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/06/2022
Supervised By :Jagrut Upadhyay 09/06/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.704	152	230975	20.000	ng		0.00
21) Naphthalene-d8	7.987	136	909702	20.000	ng	#	0.00
39) Acenaphthene-d10	9.739	164	483767	20.000	ng		0.00
64) Phenanthrene-d10	11.222	188	793187	20.000	ng		0.00
76) Chrysene-d12	13.851	240	434695	20.000	ng		0.00
86) Perylene-d12	15.251	264	393538	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.304	112	933389	68.604	ng		0.00
7) Phenol-d6	6.328	99	763834	45.032	ng		-0.02
23) Nitrobenzene-d5	7.275	82	1395442	98.581	ng		0.00
42) 2,4,6-Tribromophenol	10.528	330	650692	147.763	ng		0.00
45) 2-Fluorobiphenyl	9.069	172	2422173	83.012	ng		0.00
79) Terphenyl-d14	12.804	244	2339991	93.349	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.410	88	134596	21.168	ng		94
3) Pyridine	3.105	79	328136	19.245	ng		93
4) n-Nitrosodimethylamine	3.046	42	146215	21.806	ng		85
6) Aniline	6.369	93	658138	30.948	ng	#	49
8) 2-Chlorophenol	6.487	128	604743	40.496	ng		97
9) Benzaldehyde	6.251	77	414679	39.942	ng		98
10) Phenol	6.346	94	337067	17.580	ng	#	58
11) bis(2-Chloroethyl)ether	6.446	93	694858	47.699	ng		97
12) 1,3-Dichlorobenzene	6.646	146	696855	42.095	ng		97
13) 1,4-Dichlorobenzene	6.722	146	702866	42.151	ng		97
14) 1,2-Dichlorobenzene	6.875	146	680026	44.862	ng		97
15) Benzyl Alcohol	6.851	79	369696	32.336	ng		91
16) 2,2'-oxybis(1-Chloropr...	6.987	45	893960	45.154	ng	#	53
17) 2-Methylphenol	6.963	107	405277	32.257	ng	#	86
18) Hexachloroethane	7.216	117	253223	42.053	ng		94
19) n-Nitroso-di-n-propyla...	7.128	70	476270	46.607	ng		92
20) 3+4-Methylphenols	7.116	107	407607	27.665	ng	#	52
22) Acetophenone	7.122	105	965453	47.503	ng	#	94
24) Nitrobenzene	7.293	77	724272	48.111	ng		98
25) Isophorone	7.534	82	1402114	48.939	ng		97
26) 2-Nitrophenol	7.604	139	363795	51.191	ng		95
27) 2,4-Dimethylphenol	7.645	122	569855	47.402	ng		98
28) bis(2-Chloroethoxy)met...	7.745	93	897357	52.141	ng		98
29) 2,4-Dichlorophenol	7.845	162	563276	43.804	ng		99
30) 1,2,4-Trichlorobenzene	7.928	180	568742	41.947	ng		99
31) Naphthalene	8.010	128	1956072	42.633	ng		99
32) Benzoic acid	7.728	122	149922	19.755	ng		97
33) 4-Chloroaniline	8.057	127	517554	27.921	ng		98
34) Hexachlorobutadiene	8.128	225	309982	39.919	ng		99
35) Caprolactam	8.434	113	42010m	10.542	ng		
36) 4-Chloro-3-methylphenol	8.540	107	560425	43.070	ng		93
37) 2-Methylnaphthalene	8.698	142	1330515	45.018	ng		99
38) 1-Methylnaphthalene	8.798	142	1273865	44.343	ng		99
40) 1,2,4,5-Tetrachloroben...	8.863	216	553693	43.893	ng		99
41) Hexachlorocyclopentadiene	8.851	237	668645	101.423	ng		98
43) 2,4,6-Trichlorophenol	8.975	196	410143	45.549	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.010	196	434555	44.525	ng		96
46) 1,1'-Biphenyl	9.163	154	1590533	45.255	ng		99
47) 2-Chloronaphthalene	9.187	162	1264158	44.892	ng		99
48) 2-Nitroaniline	9.287	65	382865	55.173	ng		90
49) Acenaphthylene	9.604	152	1928021	45.087	ng		99
50) Dimethylphthalate	9.475	163	1572928	47.736	ng		100
51) 2,6-Dinitrotoluene	9.534	165	351562	54.724	ng		87
52) Acenaphthene	9.775	154	1336366m	49.587	ng		
53) 3-Nitroaniline	9.698	138	242237	32.851	ng		96
54) 2,4-Dinitrophenol	9.804	184	317043	105.799	ng		90
55) Dibenzofuran	9.945	168	1755267	45.485	ng		99
56) 4-Nitrophenol	9.851	139	231760	40.767	ng		91
57) 2,4-Dinitrotoluene	9.934	165	441565	59.700	ng	#	85
58) Fluorene	10.286	166	1289046	43.901	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.063	232	343871	45.364	ng	#	80
60) Diethylphthalate	10.169	149	1500606	47.075	ng		99
61) 4-Chlorophenyl-phenyle...	10.281	204	585057	45.074	ng		97
62) 4-Nitroaniline	10.316	138	348969	48.662	ng		93
63) Azobenzene	10.445	77	1408518	44.878	ng		92
65) 4,6-Dinitro-2-methylph...	10.339	198	204420	53.889	ng		80
66) n-Nitrosodiphenylamine	10.404	169	1226349	46.250	ng		99
67) 4-Bromophenyl-phenylether	10.769	248	418994	47.491	ng		99
68) Hexachlorobenzene	10.828	284	456306	47.466	ng		97
69) Atrazine	10.933	200	395160	52.678	ng		97
70) Pentachlorophenol	11.022	266	514658	95.738	ng		95
71) Phenanthrene	11.245	178	1915168	44.523	ng		98
72) Anthracene	11.298	178	1923583	45.489	ng		99
73) Carbazole	11.451	167	1818016	46.623	ng		100
74) Di-n-butylphthalate	11.792	149	2226237	47.345	ng		99
75) Fluoranthene	12.428	202	1886931	44.236	ng		96
77) Benzidine	12.551	184	646402	55.077	ng		99
78) Pyrene	12.657	202	1869713	47.954	ng		98
80) Butylbenzylphthalate	13.280	149	850117	54.817	ng		96
81) Benzo(a)anthracene	13.839	228	1349832	45.312	ng		99
82) 3,3'-Dichlorobenzidine	13.810	252	313567	33.753	ng		98
83) Chrysene	13.880	228	1325348	45.126	ng		99
84) Bis(2-ethylhexyl)phtha...	13.845	149	993636	51.546	ng		99
85) Di-n-octyl phthalate	14.451	149	1650205	54.194	ng		98
87) Indeno(1,2,3-cd)pyrene	16.604	276	1349237	51.975	ng		95
88) Benzo(b)fluoranthene	14.857	252	1293617	49.292	ng		99
89) Benzo(k)fluoranthene	14.880	252	1153617	45.451	ng		97
90) Benzo(a)pyrene	15.192	252	1062374	50.944	ng	#	97
91) Dibenzo(a,h)anthracene	16.621	278	1175764	55.352	ng	#	97
92) Benzo(g,h,i)perylene	17.015	276	1187636	55.882	ng	#	93

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

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