Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
Data File : BF129806.D
Acq On : 16 Aug 2022 12:14
Operator : CG\JU
Sample : N4046-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 17 02:54:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 15 02:28:31 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
BEACONPOINT-BACKFILL-02MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	160601	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	670740	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	360707	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	594561	20.000	ng	0.00
76) Chrysene-d12	14.004	240	321342	20.000	ng	0.00
86) Perylene-d12	15.474	264	309679	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1005726	103.684	ng	0.00
7) Phenol-d6	6.481	99	1283113	105.632	ng	0.00
23) Nitrobenzene-d5	7.392	82	830081	66.249	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	364858	100.783	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1592932	67.073	ng	0.00
79) Terphenyl-d14	12.939	244	1521027	78.760	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	175182	43.776	ng	99
3) Pyridine	3.410	79	459104	43.839	ng	99
4) n-Nitrosodimethylamine	3.369	42	240866	49.907	ng	97
6) Aniline	6.492	93	597576	43.164	ng	98
8) 2-Chlorophenol	6.622	128	539682	49.979	ng	99
9) Benzaldehyde	6.381	77	353339	57.207	ng	99
10) Phenol	6.492	94	641603	48.153	ng	99
11) bis(2-Chloroethyl)ether	6.563	93	503405	49.753	ng	100
12) 1,3-Dichlorobenzene	6.763	146	553598	47.488	ng	99
13) 1,4-Dichlorobenzene	6.839	146	565088	47.441	ng	98
14) 1,2-Dichlorobenzene	6.992	146	537379	48.575	ng	100
15) Benzyl Alcohol	6.981	79	450346	49.110	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.092	45	660636	48.727	ng	96
17) 2-Methylphenol	7.098	107	431549	49.773	ng	99
18) Hexachloroethane	7.328	117	219103	48.983	ng	97
19) n-Nitroso-di-n-propyla...	7.239	70	377073	49.111	ng	98
20) 3+4-Methylphenols	7.251	107	548580	47.135	ng	98
22) Acetophenone	7.239	105	753937	46.126	ng	99
24) Nitrobenzene	7.416	77	558623	44.214	ng	98
25) Isophorone	7.651	82	1041604	48.299	ng	99
26) 2-Nitrophenol	7.728	139	294792	47.435	ng	98
27) 2,4-Dimethylphenol	7.769	122	451628	50.673	ng	97
28) bis(2-Chloroethoxy)met...	7.857	93	639639	50.798	ng	99
29) 2,4-Dichlorophenol	7.981	162	446206	45.786	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	452779	44.040	ng	97
31) Naphthalene	8.128	128	1543418	44.009	ng	100
32) Benzoic acid	7.928	122	182076	46.109	ng	96
33) 4-Chloroaniline	8.186	127	538955	39.079	ng	99
34) Hexachlorobutadiene	8.239	225	279687	44.677	ng	99
35) Caprolactam	8.575	113	138788m	45.796	ng	
36) 4-Chloro-3-methylphenol	8.686	107	485227	46.152	ng	98
37) 2-Methylnaphthalene	8.822	142	1025559	44.555	ng	99
38) 1-Methylnaphthalene	8.922	142	960981	42.959	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	455045	45.357	ng	98
41) Hexachlorocyclopentadiene	8.969	237	337924	93.896	ng	100
43) 2,4,6-Trichlorophenol	9.110	196	288216	44.216	ng	98

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44) 2,4,5-Trichlorophenol	9.157	196	308975	44.059	ng		99
46) 1,1'-Biphenyl	9.286	154	1239173	45.221	ng		99
47) 2-Chloronaphthalene	9.310	162	952827	43.946	ng		97
48) 2-Nitroaniline	9.422	65	305487	44.584	ng		93
49) Acenaphthylene	9.727	152	1420849	43.215	ng		99
50) Dimethylphthalate	9.592	163	1141338	44.139	ng		99
51) 2,6-Dinitrotoluene	9.663	165	254791	45.424	ng		90
52) Acenaphthene	9.898	154	874553	43.843	ng		99
53) 3-Nitroaniline	9.833	138	214496	34.579	ng		92
54) 2,4-Dinitrophenol	9.951	184	227061	88.882	ng		97
55) Dibenzofuran	10.075	168	1290646	43.067	ng		98
56) 4-Nitrophenol	10.027	139	262612	95.162	ng		93
57) 2,4-Dinitrotoluene	10.069	165	316652	43.488	ng		93
58) Fluorene	10.416	166	1065997	42.602	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.198	232	221474	43.034	ng	#	80
60) Diethylphthalate	10.286	149	1123051	43.558	ng		98
61) 4-Chlorophenyl-phenyle...	10.404	204	497176	44.275	ng		98
62) 4-Nitroaniline	10.457	138	257394m	41.131	ng		
63) Azobenzene	10.569	77	1065695	43.242	ng		95
65) 4,6-Dinitro-2-methylph...	10.486	198	160057	45.856	ng		92
66) n-Nitrosodiphenylamine	10.527	169	916024	45.647	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	320828	46.071	ng		99
68) Hexachlorobenzene	10.963	284	345053	45.742	ng		99
69) Atrazine	11.057	200	297116	48.239	ng		97
70) Pentachlorophenol	11.169	266	199662	87.762	ng		97
71) Phenanthrene	11.380	178	1430762	43.087	ng		99
72) Anthracene	11.433	178	1465049	44.366	ng		100
73) Carbazole	11.592	167	1322588	44.122	ng		99
74) Di-n-butylphthalate	11.910	149	1694773	43.930	ng		99
75) Fluoranthene	12.574	202	1350472	39.744	ng		98
77) Benzidine	12.698	184	465071	62.366	ng		99
78) Pyrene	12.804	202	1345625	48.188	ng		100
80) Butylbenzylphthalate	13.410	149	573305	48.519	ng		97
81) Benzo(a)anthracene	13.992	228	959084	43.387	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	309457	45.201	ng	#	98
83) Chrysene	14.033	228	888217	42.925	ng		99
84) Bis(2-ethylhexyl)phtha...	13.962	149	726103	51.796	ng		99
85) Di-n-octyl phthalate	14.574	149	1106679	57.187	ng		99
87) Indeno(1,2,3-cd)pyrene	16.968	276	1062184	49.962	ng		100
88) Benzo(b)fluoranthene	15.045	252	968101	45.654	ng		99
89) Benzo(k)fluoranthene	15.074	252	803983	39.535	ng		99
90) Benzo(a)pyrene	15.415	252	790375	47.330	ng		99
91) Dibenzo(a,h)anthracene	16.974	278	926653	52.825	ng		99
92) Benzo(g,h,i)perylene	17.415	276	930655	53.178	ng		98

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

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