Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081622\
Data File : BF129807.D
Acq On : 16 Aug 2022 12:45
Operator : CG\JU
Sample : N4046-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 17 02:55:00 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-02MSD

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	154678	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	652833	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	350478	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	562494	20.000	ng	0.00
76) Chrysene-d12	14.004	240	298772	20.000	ng	0.00
86) Perylene-d12	15.474	264	298466	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	982002	105.115	ng	0.00
7) Phenol-d6	6.481	99	1240253	106.014	ng	0.00
23) Nitrobenzene-d5	7.393	82	816544	66.956	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	339914	96.633	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1550149	67.176	ng	0.00
79) Terphenyl-d14	12.939	244	1419187	79.038	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	165547	42.952	ng	98
3) Pyridine	3.405	79	434887	43.117	ng	99
4) n-Nitrosodimethylamine	3.369	42	232192	49.952	ng	99
6) Aniline	6.493	93	578849	43.412	ng	99
8) 2-Chlorophenol	6.622	128	523064	50.294	ng	99
9) Benzaldehyde	6.381	77	338371	56.836	ng	99
10) Phenol	6.493	94	621665	48.443	ng	99
11) bis(2-Chloroethyl)ether	6.563	93	488613	50.140	ng	100
12) 1,3-Dichlorobenzene	6.763	146	542205	48.292	ng	99
13) 1,4-Dichlorobenzene	6.840	146	544278	47.444	ng	99
14) 1,2-Dichlorobenzene	6.993	146	521819	48.975	ng	98
15) Benzyl Alcohol	6.981	79	434207	49.164	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.098	45	645551	49.438	ng	93
17) 2-Methylphenol	7.098	107	416466	49.872	ng	98
18) Hexachloroethane	7.328	117	211265	49.040	ng	98
19) n-Nitroso-di-n-propyla...	7.240	70	366351	49.542	ng	97
20) 3+4-Methylphenols	7.251	107	536786	47.887	ng	99
22) Acetophenone	7.240	105	734224	46.152	ng	99
24) Nitrobenzene	7.416	77	546180	44.415	ng	99
25) Isophorone	7.651	82	1012494	48.237	ng	99
26) 2-Nitrophenol	7.728	139	285335	47.173	ng	99
27) 2,4-Dimethylphenol	7.775	122	436103	50.273	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	616220	50.281	ng	99
29) 2,4-Dichlorophenol	7.981	162	429382	45.268	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	439473	43.918	ng	98
31) Naphthalene	8.128	128	1505789	44.114	ng	100
32) Benzoic acid	7.928	122	182002	47.038	ng	88
33) 4-Chloroaniline	8.187	127	525387	39.140	ng	99
34) Hexachlorobutadiene	8.240	225	270042	44.319	ng	98
35) Caprolactam	8.575	113	134286m	45.525	ng	
36) 4-Chloro-3-methylphenol	8.687	107	465447	45.485	ng	97
37) 2-Methylnaphthalene	8.822	142	988208	44.110	ng	100
38) 1-Methylnaphthalene	8.922	142	938789	43.118	ng	99
40) 1,2,4,5-Tetrachloroben...	8.987	216	444061	45.554	ng	99
41) Hexachlorocyclopentadiene	8.969	237	317008	91.921	ng	97
43) 2,4,6-Trichlorophenol	9.110	196	275970	43.573	ng	97

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44) 2,4,5-Trichlorophenol	9.157	196	295818	43.414	ng		99
46) 1,1'-Biphenyl	9.287	154	1203011	45.182	ng		99
47) 2-Chloronaphthalene	9.310	162	923577	43.840	ng		97
48) 2-Nitroaniline	9.422	65	294128	44.179	ng		92
49) Acenaphthylene	9.728	152	1360271	42.580	ng		99
50) Dimethylphthalate	9.586	163	1098894	43.738	ng		99
51) 2,6-Dinitrotoluene	9.663	165	243037	44.593	ng	#	85
52) Acenaphthene	9.898	154	835340	43.099	ng		99
53) 3-Nitroaniline	9.834	138	203371	33.742	ng		95
54) 2,4-Dinitrophenol	9.951	184	214893	86.716	ng		96
55) Dibenzofuran	10.075	168	1242402	42.667	ng		98
56) 4-Nitrophenol	10.022	139	245547	91.575	ng		94
57) 2,4-Dinitrotoluene	10.069	165	304168	42.992	ng		98
58) Fluorene	10.416	166	1020221	41.962	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.198	232	217673	43.530	ng	#	85
60) Diethylphthalate	10.286	149	1067742	42.621	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	476381	43.662	ng		98
62) 4-Nitroaniline	10.457	138	243046m	39.972	ng		
63) Azobenzene	10.563	77	1019410	42.572	ng		100
65) 4,6-Dinitro-2-methylph...	10.486	198	150223	45.492	ng		86
66) n-Nitrosodiphenylamine	10.528	169	867471	45.692	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	305046	46.302	ng		99
68) Hexachlorobenzene	10.963	284	329413	46.158	ng		98
69) Atrazine	11.057	200	277148	47.562	ng		97
70) Pentachlorophenol	11.169	266	180542	84.111	ng		96
71) Phenanthrene	11.381	178	1359535	43.276	ng		99
72) Anthracene	11.433	178	1384662	44.322	ng		99
73) Carbazole	11.592	167	1241627	43.782	ng		100
74) Di-n-butylphthalate	11.910	149	1616707	44.295	ng		99
75) Fluoranthene	12.575	202	1262834	39.283	ng		99
77) Benzidine	12.692	184	427936	61.659	ng		100
78) Pyrene	12.804	202	1222343	47.080	ng		100
80) Butylbenzylphthalate	13.410	149	541040	49.247	ng		99
81) Benzo(a)anthracene	13.992	228	902872	43.930	ng		100
82) 3,3'-Dichlorobenzidine	13.951	252	300259	47.171	ng		99
83) Chrysene	14.033	228	835708	43.438	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	689238	52.880	ng		99
85) Di-n-octyl phthalate	14.574	149	1076466	59.828	ng		99
87) Indeno(1,2,3-cd)pyrene	16.968	276	1035709	50.547	ng		100
88) Benzo(b)fluoranthene	15.045	252	863825	42.267	ng		100
89) Benzo(k)fluoranthene	15.074	252	844631	43.094	ng		99
90) Benzo(a)pyrene	15.410	252	771449	47.932	ng		98
91) Dibenzo(a,h)anthracene	16.968	278	909370	53.788	ng		99
92) Benzo(g,h,i)perylene	17.415	276	909032	53.894	ng		96

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

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