Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
Data File : BF129248.D
Acq On : 15 Jul 2022 20:26
Operator : CG\JU
Sample : N3697-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PIPELINE-PIGGING-TK2045LMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

Quant Time: Jul 16 01:43:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 12:55:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	246219	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	992008	20.000	ng	#	0.00
39) Acenaphthene-d10	9.939	164	495268	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	775093	20.000	ng	#	0.00
76) Chrysene-d12	14.074	240	459039	20.000	ng	#	0.00
86) Perylene-d12	15.562	264	457560	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	1820595	118.090	ng		0.02
7) Phenol-d6	6.534	99	2216378	111.154	ng		0.00
23) Nitrobenzene-d5	7.463	82	1645419	88.664	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	601663	130.884	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	2628818	89.926	ng		0.00
79) Terphenyl-d14	13.016	244	2044621	83.323	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.769	88	342576	48.774	ng		91
3) Pyridine	3.546	79	895668	49.586	ng		91
4) n-Nitrosodimethylamine	3.498	42	475423	55.722	ng		89
6) Aniline	6.563	93	1022700	43.657	ng		100
8) 2-Chlorophenol	6.687	128	905719	55.793	ng		98
9) Benzaldehyde	6.451	77	458661	37.482	ng		99
10) Phenol	6.545	94	992553m	49.555	ng		
11) bis(2-Chloroethyl)ether	6.634	93	1016276	62.561	ng		93
12) 1,3-Dichlorobenzene	6.839	146	961912	55.719	ng		99
13) 1,4-Dichlorobenzene	6.916	146	969161	55.504	ng		99
14) 1,2-Dichlorobenzene	7.069	146	929084	57.085	ng		98
15) Benzyl Alcohol	7.045	79	842950	63.478	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1498516	57.893	ng		95
17) 2-Methylphenol	7.151	107	728073	53.355	ng		99
18) Hexachloroethane	7.410	117	376468	57.703	ng	#	89
19) n-Nitroso-di-n-propyla...	7.316	70	678736	57.872	ng		96
20) 3+4-Methylphenols	7.304	107	897849	53.534	ng	#	90
22) Acetophenone	7.310	105	1252906	54.729	ng	#	96
24) Nitrobenzene	7.486	77	1006875	57.035	ng		93
25) Isophorone	7.722	82	1901620	60.969	ng		100
26) 2-Nitrophenol	7.798	139	484920	54.684	ng		97
27) 2,4-Dimethylphenol	7.833	122	889599	64.515	ng		98
28) bis(2-Chloroethoxy)met...	7.928	93	1173803	56.498	ng		100
29) 2,4-Dichlorophenol	8.039	162	729190	53.193	ng		99
30) 1,2,4-Trichlorobenzene	8.122	180	750909	52.791	ng		96
31) Naphthalene	8.204	128	2624692	55.844	ng		99
32) Benzoic acid	7.957	122	449027	41.928	ng	#	75
33) 4-Chloroaniline	8.251	127	389165	19.967	ng		98
34) Hexachlorobutadiene	8.316	225	427653	53.441	ng		100
35) Caprolactam	8.686	113	241423m	53.017	ng		
36) 4-Chloro-3-methylphenol	8.733	107	817161	54.645	ng		98
37) 2-Methylnaphthalene	8.898	142	1752912	57.222	ng		99
38) 1-Methylnaphthalene	8.998	142	1643211	55.466	ng		98
40) 1,2,4,5-Tetrachloroben...	9.063	216	684677	55.604	ng	#	97
41) Hexachlorocyclopentadiene	9.045	237	537699	86.775	ng		100
43) 2,4,6-Trichlorophenol	9.175	196	496179	54.722	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	521114	54.333	ng	#	91
46) 1,1'-Biphenyl	9.363	154	1932149	55.157	ng		99
47) 2-Chloronaphthalene	9.386	162	1548729	56.130	ng		99
48) 2-Nitroaniline	9.486	65	540059	58.259	ng		95
49) Acenaphthylene	9.804	152	2293372	55.223	ng		99
50) Dimethylphthalate	9.669	163	1805844	56.188	ng		100
51) 2,6-Dinitrotoluene	9.727	165	416553	59.896	ng		91
52) Acenaphthene	9.980	154	1512662	55.724	ng		99
53) 3-Nitroaniline	9.898	138	242270	29.173	ng		92
54) 2,4-Dinitrophenol	10.004	184	211654	56.784	ng		93
55) Dibenzofuran	10.151	168	2006216	52.062	ng		95
56) 4-Nitrophenol	10.069	139	555200	84.465	ng		97
57) 2,4-Dinitrotoluene	10.133	165	528280	57.927	ng		98
58) Fluorene	10.492	166	1600275	54.600	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	379559	51.229	ng	#	89
60) Diethylphthalate	10.363	149	1726364	55.545	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	716005	52.736	ng	#	86
62) 4-Nitroaniline	10.516	138	379350	46.139	ng		93
63) Azobenzene	10.645	77	1769988	53.350	ng		96
65) 4,6-Dinitro-2-methylph...	10.539	198	199315	40.700	ng	#	79
66) n-Nitrosodiphenylamine	10.604	169	1431319	57.879	ng		97
67) 4-Bromophenyl-phenylether	10.974	248	464740	56.959	ng		91
68) Hexachlorobenzene	11.039	284	482969	56.392	ng		93
69) Atrazine	11.145	200	415293	60.575	ng		95
70) Pentachlorophenol	11.245	266	509317	100.006	ng		99
71) Phenanthrene	11.457	178	2177269	55.328	ng		99
72) Anthracene	11.510	178	2135645	54.633	ng		99
73) Carbazole	11.669	167	1945510	49.895	ng		99
74) Di-n-butylphthalate	11.986	149	2497747	55.741	ng		97
75) Fluoranthene	12.651	202	1935105	49.375	ng		99
78) Pyrene	12.880	202	1893300	50.922	ng		99
80) Butylbenzylphthalate	13.486	149	887687	53.603	ng		98
81) Benzo(a)anthracene	14.068	228	1485445	51.302	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	207840	28.695	ng	#	96
83) Chrysene	14.104	228	1380285	49.942	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	1308791	59.394	ng		98
85) Di-n-octyl phthalate	14.657	149	1870214	59.173	ng		100
87) Indeno(1,2,3-cd)pyrene	17.080	276	1799275	63.062	ng		97
88) Benzo(b)fluoranthene	15.127	252	1661798m	59.119	ng		
89) Benzo(k)fluoranthene	15.162	252	1364581	49.688	ng		99
90) Benzo(a)pyrene	15.504	252	1387799	60.646	ng	#	96
91) Dibenzo(a,h)anthracene	17.103	278	1533621	66.452	ng	#	96
92) Benzo(g,h,i)perylene	17.551	276	1582521	67.082	ng		98

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

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