Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121622\
Data File : BF131674.D
Acq On : 16 Dec 2022 19:17
Operator : CG\JU
Sample : N6037-11MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-22-(8-10)MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

Quant Time: Dec 17 03:57:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 01:44:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	62409	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	219508	20.000	ng	#	0.00
39) Acenaphthene-d10	9.933	164	124355	20.000	ng		0.00
64) Phenanthrene-d10	11.427	188	251518	20.000	ng	#	0.00
76) Chrysene-d12	14.086	240	161517	20.000	ng	#	0.00
86) Perylene-d12	15.586	264	149384	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	451584	120.715	ng		0.00
7) Phenol-d6	6.516	99	607905	124.007	ng		0.00
23) Nitrobenzene-d5	7.451	82	410442	70.692	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	164789	119.272	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	664639	67.390	ng		0.00
79) Terphenyl-d14	13.021	244	803553	68.228	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	80450	47.644	ng		96
3) Pyridine	3.416	79	216703	46.225	ng		94
4) n-Nitrosodimethylamine	3.387	42	107997	41.771	ng	#	85
6) Aniline	6.539	93	182751	31.171	ng		98
8) 2-Chlorophenol	6.663	128	190012	47.930	ng		96
9) Benzaldehyde	6.434	77	166769	49.659	ng		97
10) Phenol	6.528	94	269737m	49.329	ng		
11) bis(2-Chloroethyl)ether	6.616	93	198906	48.527	ng		96
12) 1,3-Dichlorobenzene	6.822	146	207219	45.084	ng		96
13) 1,4-Dichlorobenzene	6.898	146	211641	45.650	ng		97
14) 1,2-Dichlorobenzene	7.051	146	201906	45.590	ng		97
15) Benzyl Alcohol	7.028	79	205677	45.765	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.157	45	247380	46.722	ng		98
17) 2-Methylphenol	7.139	107	170425	47.700	ng		96
18) Hexachloroethane	7.392	117	82132	43.916	ng		92
19) n-Nitroso-di-n-propyla...	7.292	70	155212	42.225	ng		98
20) 3+4-Methylphenols	7.292	107	217181	44.628	ng	#	72
22) Acetophenone	7.292	105	303363	44.101	ng	#	96
24) Nitrobenzene	7.469	77	252794	43.169	ng		94
25) Isophorone	7.704	82	433684	46.373	ng		98
26) 2-Nitrophenol	7.786	139	100720	50.436	ng		86
27) 2,4-Dimethylphenol	7.822	122	167630	54.766	ng		96
28) bis(2-Chloroethoxy)met...	7.916	93	238896	49.380	ng		100
29) 2,4-Dichlorophenol	8.028	162	167137	44.162	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	198718	42.815	ng		99
31) Naphthalene	8.192	128	535501	43.313	ng		100
32) Benzoic acid	7.945	122	96888	43.708	ng		98
33) 4-Chloroaniline	8.239	127	54874	11.841	ng		99
34) Hexachlorobutadiene	8.304	225	128601	39.315	ng		99
35) Caprolactam	8.616	113	50888m	51.979	ng		
36) 4-Chloro-3-methylphenol	8.728	107	193222	45.466	ng		100
37) 2-Methylnaphthalene	8.886	142	361390	42.742	ng		99
38) 1-Methylnaphthalene	8.986	142	331045	40.786	ng		98
40) 1,2,4,5-Tetrachloroben...	9.051	216	206160	44.785	ng		99
41) Hexachlorocyclopentadiene	9.033	237	228337	97.725	ng		96
43) 2,4,6-Trichlorophenol	9.169	196	130163	45.714	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	136776	44.667	ng		99
46) 1,1'-Biphenyl	9.351	154	454314	46.207	ng		99
47) 2-Chloronaphthalene	9.380	162	363418	45.367	ng		99
48) 2-Nitroaniline	9.480	65	130887	46.124	ng		89
49) Acenaphthylene	9.798	152	546685	46.479	ng		99
50) Dimethylphthalate	9.657	163	427477	45.093	ng		99
51) 2,6-Dinitrotoluene	9.722	165	92711	47.372	ng	#	83
52) Acenaphthene	9.969	154	395487m	50.191	ng		
53) 3-Nitroaniline	9.892	138	42006	22.371	ng		97
54) 2,4-Dinitrophenol	9.998	184	101528	90.080	ng		91
55) Dibenzofuran	10.145	168	501642	45.057	ng		97
56) 4-Nitrophenol	10.063	139	143284	109.844	ng	#	77
57) 2,4-Dinitrotoluene	10.127	165	129318	49.812	ng		98
58) Fluorene	10.486	166	398298	44.006	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	113680m	43.841	ng		
60) Diethylphthalate	10.363	149	399503	43.915	ng		97
61) 4-Chlorophenyl-phenyle...	10.480	204	216252	43.235	ng		94
62) 4-Nitroaniline	10.516	138	91094	48.956	ng	#	86
63) Azobenzene	10.639	77	459749	44.310	ng		96
65) 4,6-Dinitro-2-methylph...	10.539	198	73650	46.232	ng		77
66) n-Nitrosodiphenylamine	10.598	169	340003	41.814	ng		99
67) 4-Bromophenyl-phenylether	10.974	248	129483	40.018	ng		93
68) Hexachlorobenzene	11.033	284	142129	40.610	ng	#	91
69) Atrazine	11.127	200	129757	50.251	ng		98
70) Pentachlorophenol	11.233	266	151112	83.870	ng		99
71) Phenanthrene	11.457	178	595714	42.492	ng		99
72) Anthracene	11.510	178	609751	44.705	ng		100
73) Carbazole	11.663	167	542228	48.704	ng		100
74) Di-n-butylphthalate	11.992	149	631359	46.225	ng		99
75) Fluoranthene	12.651	202	690262	47.815	ng		99
77) Benzidine	12.774	184	280984	64.927	ng		99
78) Pyrene	12.880	202	706443	44.357	ng		99
80) Butylbenzylphthalate	13.498	149	269604	58.495	ng		99
81) Benzo(a)anthracene	14.074	228	529349	45.383	ng		99
82) 3,3'-Dichlorobenzidine	14.033	252	63398	19.104	ng		98
83) Chrysene	14.110	228	499485	45.043	ng		99
84) Bis(2-ethylhexyl)phtha...	14.057	149	358224	56.479	ng		98
85) Di-n-octyl phthalate	14.674	149	519813	50.249	ng		98
87) Indeno(1,2,3-cd)pyrene	17.115	276	526935	43.222	ng		98
88) Benzo(b)fluoranthene	15.145	252	446166	45.316	ng		99
89) Benzo(k)fluoranthene	15.174	252	444640m	43.268	ng		
90) Benzo(a)pyrene	15.521	252	397314	47.286	ng		99
91) Dibenzo(a,h)anthracene	17.133	278	440522	43.904	ng		100
92) Benzo(g,h,i)perylene	17.580	276	424370	42.083	ng		99

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

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