Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100622\
Data File : BF130564.D
Acq On : 06 Oct 2022 22:38
Operator : CG\JU
Sample : N5020-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-5-100522MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/07/2022
Supervised By :Jagrut Upadhyay 10/10/2022

Quant Time: Oct 07 02:13:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 07 02:06:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.616	152	70921	20.000	ng		0.00
21) Naphthalene-d8	7.904	136	243689	20.000	ng	#	0.00
39) Acenaphthene-d10	9.651	164	109555	20.000	ng		0.00
64) Phenanthrene-d10	11.127	188	204307	20.000	ng		0.00
76) Chrysene-d12	13.774	240	182084	20.000	ng		0.01
86) Perylene-d12	15.157	264	127029	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.228	112	546991	133.774	ng		0.01
7) Phenol-d6	6.275	99	637536	124.611	ng		0.00
23) Nitrobenzene-d5	7.186	82	393339	82.462	ng		0.00
42) 2,4,6-Tribromophenol	10.439	330	150133	143.018	ng		0.00
45) 2-Fluorobiphenyl	8.980	172	627243	83.372	ng		0.00
79) Terphenyl-d14	12.716	244	737051	67.052	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.252	88	89791	47.815	ng		97
3) Pyridine	2.922	79	211969	43.271	ng		97
4) n-Nitrosodimethylamine	2.887	42	118841	44.605	ng		93
6) Aniline	6.316	93	74288	11.785	ng	#	82
8) 2-Chlorophenol	6.410	128	225272	48.364	ng		94
9) Benzaldehyde	6.169	77	123798	36.124	ng		95
10) Phenol	6.287	94	261998	43.698	ng		93
11) bis(2-Chloroethyl)ether	6.363	93	304820	70.485	ng		88
12) 1,3-Dichlorobenzene	6.557	146	252651	49.296	ng		98
13) 1,4-Dichlorobenzene	6.634	146	257079	49.188	ng		99
14) 1,2-Dichlorobenzene	6.787	146	236876	48.517	ng		99
15) Benzyl Alcohol	6.775	79	177646	43.794	ng		96
16) 2,2'-oxybis(1-Chloropr...	6.904	45	266958	42.324	ng		55
17) 2-Methylphenol	6.892	107	178482	47.138	ng		94
18) Hexachloroethane	7.128	117	94958	46.093	ng		95
19) n-Nitroso-di-n-propyla...	7.039	70	152652	44.217	ng		95
20) 3+4-Methylphenols	7.051	107	220359	44.800	ng	#	50
22) Acetophenone	7.034	105	316731	53.162	ng	#	88
24) Nitrobenzene	7.204	77	224930	46.441	ng		98
25) Isophorone	7.445	82	391049	50.865	ng		99
26) 2-Nitrophenol	7.522	139	110289	55.548	ng		93
27) 2,4-Dimethylphenol	7.575	122	174827	57.188	ng		96
28) bis(2-Chloroethoxy)met...	7.663	93	238432	55.078	ng		99
29) 2,4-Dichlorophenol	7.775	162	158364	47.272	ng		94
30) 1,2,4-Trichlorobenzene	7.845	180	175105	48.346	ng		96
31) Naphthalene	7.922	128	592671	47.208	ng		100
32) Benzoic acid	7.704	122	88053	37.246	ng		93
33) 4-Chloroaniline	7.992	127	121271	25.398	ng		97
34) Hexachlorobutadiene	8.039	225	113221	48.913	ng		100
35) Caprolactam	8.345	113	49195m	51.224	ng		
36) 4-Chloro-3-methylphenol	8.475	107	163461	44.021	ng		99
37) 2-Methylnaphthalene	8.616	142	356333	44.516	ng		100
38) 1-Methylnaphthalene	8.710	142	337722	43.919	ng		100
40) 1,2,4,5-Tetrachloroben...	8.781	216	159346	53.296	ng		99
41) Hexachlorocyclopentadiene	8.763	237	67037	41.879	ng		98
43) 2,4,6-Trichlorophenol	8.898	196	101455	48.622	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	8.945	196	110865	49.236	ng		99
46) 1,1'-Biphenyl	9.080	154	421920	51.567	ng		97
47) 2-Chloronaphthalene	9.098	162	322064	48.659	ng		98
48) 2-Nitroaniline	9.204	65	100302	45.436	ng		95
49) Acenaphthylene	9.510	152	474777	47.842	ng		100
50) Dimethylphthalate	9.386	163	378268	49.985	ng		99
51) 2,6-Dinitrotoluene	9.445	165	82029	51.829	ng		89
52) Acenaphthene	9.686	154	306889m	47.067	ng		
53) 3-Nitroaniline	9.616	138	76638	43.457	ng		95
54) 2,4-Dinitrophenol	9.727	184	29034	37.428	ng	#	86
55) Dibenzofuran	9.857	168	436784	48.161	ng		96
56) 4-Nitrophenol	9.798	139	135411	105.421	ng	#	81
57) 2,4-Dinitrotoluene	9.851	165	108021	53.405	ng	#	95
58) Fluorene	10.198	166	353946	47.721	ng		99
59) 2,3,4,6-Tetrachlorophenol	9.980	232	83713	47.499	ng		94
60) Diethylphthalate	10.080	149	365740	48.195	ng		99
61) 4-Chlorophenyl-phenyle...	10.192	204	163000	50.097	ng		98
62) 4-Nitroaniline	10.227	138	76232m	43.030	ng		
63) Azobenzene	10.351	77	342351	43.811	ng		97
65) 4,6-Dinitro-2-methylph...	10.257	198	25319	22.262	ng		84
66) n-Nitrosodiphenylamine	10.316	169	301681	44.187	ng		98
67) 4-Bromophenyl-phenylether	10.680	248	104651	46.433	ng		95
68) Hexachlorobenzene	10.739	284	121167	47.426	ng		96
69) Atrazine	10.845	200	98372	49.304	ng		96
70) Pentachlorophenol	10.945	266	126939	92.577	ng		98
71) Phenanthrene	11.157	178	551476	48.077	ng		100
72) Anthracene	11.210	178	555231	50.159	ng		99
73) Carbazole	11.369	167	521726	52.225	ng		99
74) Di-n-butylphthalate	11.704	149	692449	57.480	ng		99
75) Fluoranthene	12.339	202	651674	58.794	ng		98
77) Benzidine	12.480	184	297316	56.249	ng		99
78) Pyrene	12.568	202	665141	41.757	ng		99
80) Butylbenzylphthalate	13.257	149	10242328	1735.700	ng	#	91
81) Benzo(a)anthracene	13.763	228	588417	48.577	ng		99
82) 3,3'-Dichlorobenzidine	13.733	252	182299	55.287	ng	#	99
83) Chrysene	13.804	228	554490	48.211	ng		99
84) Bis(2-ethylhexyl)phtha...	13.757	149	421115	62.303	ng		99
85) Di-n-octyl phthalate	14.368	149	1224052	118.401	ng	#	89
87) Indeno(1,2,3-cd)pyrene	16.462	276	367445	40.790	ng		98
88) Benzo(b)fluoranthene	14.768	252	483769	58.348	ng		100
89) Benzo(k)fluoranthene	14.798	252	387793	47.547	ng		99
90) Benzo(a)pyrene	15.104	252	349631	53.228	ng		98
91) Dibenzo(a,h)anthracene	16.474	278	315297	42.666	ng		99
92) Benzo(g,h,i)perylene	16.856	276	309473	41.573	ng		98

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

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