Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010423\
Data File : BF131898.D
Acq On : 04 Jan 2023 14:35
Operator : CG\JU
Sample : N6242-04MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MM-4MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/05/2023
Supervised By :Jagrut Upadhyay 01/05/2023

Quant Time: Jan 05 05:41:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 30 02:06:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	55970	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	204017	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	116971	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	213903	20.000	ng	# 0.00
76) Chrysene-d12	14.015	240	103889	20.000	ng	0.00
86) Perylene-d12	15.492	264	121576	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	474466	140.485	ng	0.01
7) Phenol-d6	6.451	99	622703	140.337	ng	0.00
23) Nitrobenzene-d5	7.386	82	440609	86.226	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	170756	134.359	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	768216	89.958	ng	0.00
79) Terphenyl-d14	12.951	244	732922	119.334	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.581	88	67385	43.026	ng	100
3) Pyridine	3.316	79	181013	41.112	ng	94
4) n-Nitrosodimethylamine	3.281	42	92998	44.921	ng	98
6) Aniline	6.475	93	213252	39.628	ng	93
8) 2-Chlorophenol	6.598	128	166322	46.743	ng	95
9) Benzaldehyde	6.363	77	115262	40.484	ng	96
10) Phenol	6.463	94	239375	45.301	ng	97
11) bis(2-Chloroethyl)ether	6.551	93	175571	46.464	ng	99
12) 1,3-Dichlorobenzene	6.751	146	186693	45.913	ng	98
13) 1,4-Dichlorobenzene	6.828	146	189895	46.339	ng	96
14) 1,2-Dichlorobenzene	6.981	146	182041	47.276	ng	97
15) Benzyl Alcohol	6.963	79	183114	47.060	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.092	45	227772	47.235	ng	98
17) 2-Methylphenol	7.075	107	149848	46.065	ng	99
18) Hexachloroethane	7.322	117	76062	45.966	ng	99
19) n-Nitroso-di-n-propyla...	7.233	70	144153	46.000	ng	100
20) 3+4-Methylphenols	7.228	107	192396	45.330	ng	96
22) Acetophenone	7.228	105	273985	45.808	ng	98
24) Nitrobenzene	7.404	77	222810	43.509	ng	99
25) Isophorone	7.645	82	397273	47.607	ng	99
26) 2-Nitrophenol	7.722	139	89506	44.953	ng	98
27) 2,4-Dimethylphenol	7.757	122	151743	53.428	ng	94
28) bis(2-Chloroethoxy)met...	7.857	93	220573	49.269	ng	99
29) 2,4-Dichlorophenol	7.963	162	151670	44.325	ng	98
30) 1,2,4-Trichlorobenzene	8.045	180	178491	43.996	ng	100
31) Naphthalene	8.128	128	486288	43.523	ng	99
32) Benzoic acid	7.886	122	74993	36.126	ng	97
33) 4-Chloroaniline	8.180	127	114789	26.776	ng	99
34) Hexachlorobutadiene	8.239	225	118228	42.595	ng	99
35) Caprolactam	8.551	113	41137m	40.605	ng	
36) 4-Chloro-3-methylphenol	8.669	107	171232	44.277	ng	97
37) 2-Methylnaphthalene	8.822	142	329992	44.006	ng	100
38) 1-Methylnaphthalene	8.922	142	301111	41.340	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	187518	45.657	ng	98
41) Hexachlorocyclopentadiene	8.969	237	178707	95.950	ng	100
43) 2,4,6-Trichlorophenol	9.104	196	114343	43.468	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	120682	42.441	ng		95
46) 1,1'-Biphenyl	9.286	154	417578	46.629	ng		99
47) 2-Chloronaphthalene	9.310	162	330939	44.668	ng		97
48) 2-Nitroaniline	9.416	65	114281	42.083	ng		97
49) Acenaphthylene	9.727	152	494479	44.822	ng		99
50) Dimethylphthalate	9.592	163	386404	43.665	ng		99
51) 2,6-Dinitrotoluene	9.657	165	83172	43.417	ng		100
52) Acenaphthene	9.898	154	286787	43.073	ng		98
53) 3-Nitroaniline	9.827	138	51118	26.189	ng		97
54) 2,4-Dinitrophenol	9.939	184	85688	77.728	ng		97
55) Dibenzofuran	10.074	168	453854	44.243	ng		99
56) 4-Nitrophenol	9.998	139	111056	81.220	ng		90
57) 2,4-Dinitrotoluene	10.063	165	112611	42.984	ng		95
58) Fluorene	10.422	166	354260	42.303	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.192	232	96725	41.451	ng	#	89
60) Diethylphthalate	10.292	149	367709	43.173	ng		99
61) 4-Chlorophenyl-phenyle...	10.410	204	195401	44.884	ng		99
62) 4-Nitroaniline	10.445	138	77261	37.980	ng		94
63) Azobenzene	10.569	77	410108	43.387	ng		95
65) 4,6-Dinitro-2-methylph...	10.474	198	58782	40.362	ng		93
66) n-Nitrosodiphenylamine	10.533	169	297549	45.602	ng		97
67) 4-Bromophenyl-phenylether	10.904	248	114586	46.220	ng		98
68) Hexachlorobenzene	10.963	284	125421	46.053	ng		99
69) Atrazine	11.063	200	107653	50.115	ng		98
70) Pentachlorophenol	11.169	266	113189	83.993	ng		100
71) Phenanthrene	11.386	178	492732	41.889	ng		99
72) Anthracene	11.439	178	505424	43.924	ng		100
73) Carbazole	11.598	167	431558	42.483	ng		99
74) Di-n-butylphthalate	11.921	149	539408	43.931	ng		100
75) Fluoranthene	12.580	202	488818	35.677	ng		99
77) Benzidine	12.704	184	205939	120.624	ng		98
78) Pyrene	12.810	202	481259	55.269	ng		99
80) Butylbenzylphthalate	13.427	149	174512	54.033	ng		93
81) Benzo(a)anthracene	14.004	228	331235	44.037	ng		98
82) 3,3'-Dichlorobenzidine	13.968	252	76893	35.368	ng		97
83) Chrysene	14.039	228	315806	44.680	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	215478	54.794	ng	#	98
85) Di-n-octyl phthalate	14.604	149	335961	63.463	ng		100
87) Indeno(1,2,3-cd)pyrene	16.980	276	407276	52.730	ng		99
88) Benzo(b)fluoranthene	15.062	252	356519	39.993	ng		99
89) Benzo(k)fluoranthene	15.092	252	331871	38.530	ng		98
90) Benzo(a)pyrene	15.427	252	314187	45.524	ng		98
91) Dibenzo(a,h)anthracene	16.992	278	341930	54.045	ng		100
92) Benzo(g,h,i)perylene	17.427	276	336449	45.293	ng		97

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

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