Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052922\
Data File : BF128571.D
Acq On : 29 May 2022 15:04
Operator : CG\JU
Sample : N3056-10MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 30 00:51:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 27 01:51:59 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
N3056-09MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/31/2022
Supervised By :Jagrut Upadhyay 05/31/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	141943	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	494731	20.000	ng		0.00
39) Acenaphthene-d10	9.880	164	303617	20.000	ng		0.00
64) Phenanthrene-d10	11.368	188	453097	20.000	ng		0.00
76) Chrysene-d12	14.009	240	275092	20.000	ng	#	0.00
86) Perylene-d12	15.468	264	280755	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	474729	55.399	ng		0.01
7) Phenol-d6	6.475	99	494721	45.279	ng		0.00
23) Nitrobenzene-d5	7.416	82	908236	105.905	ng		0.00
42) 2,4,6-Tribromophenol	10.674	330	374467	129.577	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1671590	89.446	ng		0.00
79) Terphenyl-d14	12.951	244	1321332	92.797	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	81920	21.439	ng		94
3) Pyridine	3.410	79	184331	18.633	ng		99
4) n-Nitrosodimethylamine	3.357	42	138986	26.810	ng		87
6) Aniline	6.510	93	288263	22.609	ng		96
8) 2-Chlorophenol	6.633	128	402116	45.255	ng		99
9) Benzaldehyde	6.398	77	534426	Below Cal		#	1
10) Phenol	6.492	94	205604m	18.990	ng		
11) bis(2-Chloroethyl)ether	6.592	93	450958	50.881	ng		99
12) 1,3-Dichlorobenzene	6.786	146	474444	46.996	ng		98
13) 1,4-Dichlorobenzene	6.863	146	493460	48.325	ng		99
14) 1,2-Dichlorobenzene	7.016	146	417658	44.440	ng		97
15) Benzyl Alcohol	6.992	79	302278	36.273	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.122	45	733422	46.757	ng		88
17) 2-Methylphenol	7.104	107	247446	32.720	ng	#	93
18) Hexachloroethane	7.381	117	637967	177.117	ng	#	1
19) n-Nitroso-di-n-propyla...	7.263	70	346713	51.754	ng		96
20) 3+4-Methylphenols	7.251	107	290625	31.810	ng	#	43
22) Acetophenone	7.239	105	1183830	103.776	ng	#	70
24) Nitrobenzene	7.433	77	560001	66.051	ng		98
25) Isophorone	7.669	82	945162	59.743	ng	#	96
26) 2-Nitrophenol	7.745	139	223526	63.080	ng		90
27) 2,4-Dimethylphenol	7.786	122	452332m	64.220	ng		
28) bis(2-Chloroethoxy)met...	7.880	93	526591	51.288	ng		99
29) 2,4-Dichlorophenol	7.986	162	358368	49.164	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	421723	53.412	ng		98
31) Naphthalene	8.163	128	5169228	213.482	ng		95
32) Benzoic acid	7.933	122	223455m	44.880	ng		
33) 4-Chloroaniline	8.198	127	191761	19.890	ng	#	93
34) Hexachlorobutadiene	8.263	225	280196	56.205	ng		98
35) Caprolactam	8.680	113	11747m	5.226	ng		
36) 4-Chloro-3-methylphenol	8.675	107	360485	48.140	ng		97
37) 2-Methylnaphthalene	8.839	142	1430021	93.564	ng		99
38) 1-Methylnaphthalene	8.939	142	1277884	85.965	ng		99
40) 1,2,4,5-Tetrachloroben...	9.004	216	402199	48.240	ng		98
41) Hexachlorocyclopentadiene	8.992	237	460063	98.164	ng		100
43) 2,4,6-Trichlorophenol	9.122	196	253387	41.213	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	243906	38.501	ng	#	55
46) 1,1'-Biphenyl	9.304	154	1026790	48.163	ng		99
47) 2-Chloronaphthalene	9.327	162	791609	47.301	ng		98
48) 2-Nitroaniline	9.427	65	318582	68.457	ng	#	85
49) Acenaphthylene	9.745	152	1248853	48.575	ng		99
50) Dimethylphthalate	9.616	163	874087	44.382	ng	#	90
51) 2,6-Dinitrotoluene	9.674	165	209084	57.927	ng		95
52) Acenaphthene	9.916	154	848352m	53.481	ng		
53) 3-Nitroaniline	9.839	138	64308	15.427	ng		97
54) 2,4-Dinitrophenol	9.945	184	179541	96.529	ng		92
55) Dibenzofuran	10.092	168	1103965	46.907	ng		95
56) 4-Nitrophenol	10.004	139	130498	38.580	ng	#	72
57) 2,4-Dinitrotoluene	10.074	165	266145	61.633	ng		95
58) Fluorene	10.433	166	838180	49.470	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	217629m	42.391	ng		
60) Diethylphthalate	10.310	149	913758	47.762	ng		99
61) 4-Chlorophenyl-phenyle...	10.427	204	411734	47.896	ng		95
62) 4-Nitroaniline	10.451	138	135711	34.004	ng		89
63) Azobenzene	10.586	77	892799	45.839	ng		99
65) 4,6-Dinitro-2-methylph...	10.480	198	114006	53.708	ng		95
66) n-Nitrosodiphenylamine	10.545	169	758253	55.897	ng		99
67) 4-Bromophenyl-phenylether	10.916	248	266644	56.959	ng		94
68) Hexachlorobenzene	10.980	284	296014	57.261	ng		95
69) Atrazine	11.086	200	196969	46.785	ng		97
70) Pentachlorophenol	11.174	266	326412	103.614	ng		97
71) Phenanthrene	11.392	178	1169211	54.474	ng		100
72) Anthracene	11.445	178	1148285	53.559	ng		99
73) Carbazole	11.604	167	1032967	50.274	ng		98
74) Di-n-butylphthalate	11.933	149	1264647	52.294	ng		100
75) Fluoranthene	12.580	202	1088315	47.427	ng		98
78) Pyrene	12.810	202	1055681	50.939	ng		99
80) Butylbenzylphthalate	13.433	149	444138	50.809	ng		96
81) Benzo(a)anthracene	13.998	228	867719	53.069	ng		98
82) 3,3'-Dichlorobenzidine	13.962	252	42056	10.045	ng		99
83) Chrysene	14.033	228	864247	51.612	ng		99
84) Bis(2-ethylhexyl)phtha...	13.992	149	585835	55.411	ng		100
85) Di-n-octyl phthalate	14.609	149	1033275	55.521	ng		100
87) Indeno(1,2,3-cd)pyrene	16.933	276	1016026	61.357	ng		96
88) Benzo(b)fluoranthene	15.045	252	965357	55.274	ng		99
89) Benzo(k)fluoranthene	15.080	252	828492m	51.200	ng		
90) Benzo(a)pyrene	15.415	252	865101	61.739	ng	#	97
91) Dibenzo(a,h)anthracene	16.956	278	887101	64.611	ng		97
92) Benzo(g,h,i)perylene	17.380	276	880067	64.624	ng		97

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

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