Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092822\
Data File : BP011836.D
Acq On : 28 Sep 2022 18:38
Operator : CG/JU
Sample : N4812-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 29 02:29:52 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 02:03:33 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
WC-3MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	370808	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	1629429	20.000	ng	# 0.00
39) Acenaphthene-d10	14.551	164	990271	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	1907797	20.000	ng	0.00
76) Chrysene-d12	21.386	240	1372397	20.000	ng	-0.01
86) Perylene-d12	23.821	264	1089695	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	3400158	160.890	ng	0.00
7) Phenol-d6	7.075	99	4256719	136.223	ng	0.00
23) Nitrobenzene-d5	9.075	82	2624761	84.313	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	1295966	194.357	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	5645001	90.147	ng	0.00
79) Terphenyl-d14	19.857	244	7090011	118.787	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	372507	41.923	ng	# 55
3) Pyridine	3.781	79	949466	34.623	ng	87
4) n-Nitrosodimethylamine	3.675	42	430485	35.498	ng	# 75
6) Aniline	7.240	93	817277	21.025	ng	98
8) 2-Chlorophenol	7.469	128	1289987	50.171	ng	94
9) Benzaldehyde	7.046	77	509796m	26.077	ng	
10) Phenol	7.105	94	1511027	42.928	ng	96
11) bis(2-Chloroethyl)ether	7.334	93	1210456	43.444	ng	93
12) 1,3-Dichlorobenzene	7.799	146	1113562	41.216	ng	97
13) 1,4-Dichlorobenzene	7.946	146	1152281	41.620	ng	99
14) 1,2-Dichlorobenzene	8.263	146	1143134	42.204	ng	99
15) Benzyl Alcohol	8.157	79	1069484m	46.323	ng	
16) 2,2'-oxybis(1-Chloropr...	8.446	45	1475246	32.055	ng	91
17) 2-Methylphenol	8.357	107	1074082	46.556	ng	97
18) Hexachloroethane	8.993	117	391101	36.897	ng	93
19) n-Nitroso-di-n-propyla...	8.722	70	918917	40.000	ng	# 87
20) 3+4-Methylphenols	8.687	107	1449294	44.741	ng	97
22) Acetophenone	8.740	105	1867911	45.636	ng	# 93
24) Nitrobenzene	9.116	77	1357790	42.213	ng	95
25) Isophorone	9.651	82	2576416	44.114	ng	97
26) 2-Nitrophenol	9.828	139	652807	50.097	ng	91
27) 2,4-Dimethylphenol	9.893	122	1190494	57.716	ng	98
28) bis(2-Chloroethoxy)met...	10.128	93	1648842	48.444	ng	100
29) 2,4-Dichlorophenol	10.363	162	1176003	53.285	ng	99
30) 1,2,4-Trichlorobenzene	10.581	180	1066226	46.396	ng	98
31) Naphthalene	10.769	128	3734085	43.226	ng	100
32) Benzoic acid	10.022	122	429381	27.647	ng	97
33) 4-Chloroaniline	10.887	127	416449	11.563	ng	97
34) Hexachlorobutadiene	11.051	225	566943	48.913	ng	97
35) Caprolactam	11.687	113	352414	39.290	ng	# 73
36) 4-Chloro-3-methylphenol	12.004	107	1291080	48.201	ng	97
37) 2-Methylnaphthalene	12.375	142	2632417	44.126	ng	99
38) 1-Methylnaphthalene	12.593	142	2521672	42.924	ng	99
40) 1,2,4,5-Tetrachloroben...	12.740	216	1205638	54.022	ng	98
41) Hexachlorocyclopentadiene	12.722	237	1276495	116.627	ng	98
43) 2,4,6-Trichlorophenol	12.987	196	888758	55.015	ng	99

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44)	2,4,5-Trichlorophenol	13.051	196	982080	52.891	ng		95
46)	1,1'-Biphenyl	13.387	154	3412733	47.433	ng		99
47)	2-Chloronaphthalene	13.428	162	2577560	46.187	ng		100
48)	2-Nitroaniline	13.634	65	759917	38.192	ng	#	83
49)	Acenaphthylene	14.275	152	4164090	44.953	ng		100
50)	Dimethylphthalate	14.010	163	3246115	44.707	ng		99
51)	2,6-Dinitrotoluene	14.128	165	716677	47.807	ng		87
52)	Acenaphthene	14.616	154	2500676	44.017	ng		98
53)	3-Nitroaniline	14.457	138	476743	25.966	ng		96
54)	2,4-Dinitrophenol	14.663	184	505312	65.183	ng	#	85
55)	Dibenzofuran	14.951	168	3892043	44.697	ng		99
56)	4-Nitrophenol	14.769	139	1276281	83.705	ng		87
57)	2,4-Dinitrotoluene	14.916	165	974117	43.972	ng	#	85
58)	Fluorene	15.598	166	3097920	41.935	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.175	232	766404	50.553	ng		96
60)	Diethylphthalate	15.375	149	3226460	42.558	ng		99
61)	4-Chlorophenyl-phenyle...	15.592	204	1470599	47.613	ng		97
62)	4-Nitroaniline	15.628	138	733829	34.870	ng		95
63)	Azobenzene	15.886	77	3083940	37.150	ng		93
65)	4,6-Dinitro-2-methylph...	15.681	198	380611	40.375	ng	#	79
66)	n-Nitrosodiphenylamine	15.810	169	2716859	47.793	ng		99
67)	4-Bromophenyl-phenylether	16.492	248	862218	55.110	ng		91
68)	Hexachlorobenzene	16.604	284	917704	55.205	ng		93
69)	Atrazine	16.769	200	917209	55.719	ng		98
70)	Pentachlorophenol	16.951	266	1156017	95.747	ng		98
71)	Phenanthrene	17.345	178	4704784	43.724	ng		100
72)	Anthracene	17.439	178	4738121	46.039	ng		100
73)	Carbazole	17.710	167	4450123	44.151	ng		100
74)	Di-n-butylphthalate	18.257	149	5266045	43.374	ng		99
75)	Fluoranthene	19.310	202	4975591	42.535	ng		98
77)	Benzidine	19.492	184	929633	34.902	ng		99
78)	Pyrene	19.663	202	5023636	54.781	ng		100
80)	Butylbenzylphthalate	20.533	149	2046264	45.993	ng		90
81)	Benzo(a)anthracene	21.369	228	4089551	45.164	ng		99
82)	3,3'-Dichlorobenzidine	21.304	252	843488	31.941	ng		99
83)	Chrysene	21.427	228	3812228	44.432	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.292	149	2729997	41.881	ng	#	100
85)	Di-n-octyl phthalate	22.227	149	3941886	37.673	ng	#	92
87)	Indeno(1,2,3-cd)pyrene	26.368	276	3589200	42.094	ng		95
88)	Benzo(b)fluoranthene	23.080	252	3510621	51.889	ng		98
89)	Benzo(k)fluoranthene	23.127	252	3319190	47.879	ng		98
90)	Benzo(a)pyrene	23.715	252	2931241	51.209	ng		97
91)	Dibenzo(a,h)anthracene	26.386	278	3109535	43.924	ng		96
92)	Benzo(g,h,i)perylene	27.151	276	3136729	45.772	ng		95

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

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