Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007123.D
Acq On : 23 Sep 2021 13:20
Operator : CG/JU
Sample : M3824-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 23 13:49:09 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 23 11:17:25 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
TP-BMSD

Manual Integrations APPROVED
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9/24/2021 5:30:59 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.892	152	293777	20.000	ng		0.00
21) Naphthalene-d8	10.698	136	1136640	20.000	ng	#	0.00
39) Acenaphthene-d10	14.527	164	705283	20.000	ng		0.00
64) Phenanthrene-d10	17.274	188	1443406	20.000	ng	#	0.00
76) Chrysene-d12	21.362	240	1426325	20.000	ng	#	0.00
86) Perylene-d12	23.774	264	1512842	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	1962823	111.842	ng		0.00
7) Phenol-d6	7.063	99	2468528	102.913	ng		0.00
23) Nitrobenzene-d5	9.057	82	1402383	71.852	ng		0.00
42) 2,4,6-Tribromophenol	16.016	330	1118978	122.378	ng		0.00
45) 2-Fluorobiphenyl	13.151	172	3603522	73.197	ng		0.00
79) Terphenyl-d14	19.833	244	5925158	79.604	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.357	88	276259	38.926	ng	#	88
3) Pyridine	3.763	79	732018	37.692	ng	#	87
4) n-Nitrosodimethylamine	3.675	42	291276	43.749	ng	#	77
6) Aniline	7.222	93	615528	23.280	ng		99
8) 2-Chlorophenol	7.457	128	879562	46.114	ng		99
9) Benzaldehyde	7.034	77	530072m	39.231	ng		
10) Phenol	7.093	94	1049586	45.386	ng		90
11) bis(2-Chloroethyl)ether	7.322	93	782660	42.875	ng		97
12) 1,3-Dichlorobenzene	7.781	146	938694	43.630	ng		96
13) 1,4-Dichlorobenzene	7.934	146	959477	43.745	ng		97
14) 1,2-Dichlorobenzene	8.245	146	923581	43.453	ng		98
15) Benzyl Alcohol	8.140	79	693661	45.152	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.428	45	883705	42.279	ng		90
17) 2-Methylphenol	8.340	107	709095	45.484	ng		93
18) Hexachloroethane	8.975	117	328361	44.590	ng		95
19) n-Nitroso-di-n-propyla...	8.710	70	535308	41.033	ng		97
20) 3+4-Methylphenols	8.669	107	952260	44.175	ng		94
22) Acetophenone	8.722	105	1173139	42.834	ng		98
24) Nitrobenzene	9.098	77	838380	45.053	ng		96
25) Isophorone	9.628	82	1497066	43.988	ng		98
26) 2-Nitrophenol	9.810	139	457832	47.183	ng	#	87
27) 2,4-Dimethylphenol	9.875	122	785870	51.438	ng		96
28) bis(2-Chloroethoxy)met...	10.110	93	992755	41.346	ng		99
29) 2,4-Dichlorophenol	10.345	162	825702	46.330	ng		99
30) 1,2,4-Trichlorobenzene	10.557	180	877720	43.230	ng		97
31) Naphthalene	10.745	128	2527140	43.564	ng		99
32) Benzoic acid	10.022	122	600602	51.148	ng		96
33) 4-Chloroaniline	10.857	127	244583	10.205	ng		98
34) Hexachlorobutadiene	11.033	225	529890	43.589	ng		99
35) Caprolactam	11.651	113	256742	46.826	ng	#	77
36) 4-Chloro-3-methylphenol	11.980	107	814589	44.967	ng		100
37) 2-Methylnaphthalene	12.357	142	1831597	45.092	ng		95
38) 1-Methylnaphthalene	12.575	142	1685805	42.476	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.722	216	962715	44.574	ng		98
41) Hexachlorocyclopentadiene	12.704	237	1047199	87.482	ng		98
43) 2,4,6-Trichlorophenol	12.963	196	664627	45.098	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.033	196	725025	45.685	ng		96
46) 1,1'-Biphenyl	13.363	154	2229594	42.501	ng		100
47) 2-Chloronaphthalene	13.404	162	1796489	44.208	ng		97
48) 2-Nitroaniline	13.604	65	463027	46.734	ng		94
49) Acenaphthylene	14.245	152	2832518	45.255	ng		100
50) Dimethylphthalate	13.986	163	2182010	43.016	ng		100
51) 2,6-Dinitrotoluene	14.104	165	486603	46.961	ng		89
52) Acenaphthene	14.592	154	1671491	44.078	ng		99
53) 3-Nitroaniline	14.427	138	196461	17.536	ng		98
54) 2,4-Dinitrophenol	14.639	184	545718	91.427	ng		89
55) Dibenzofuran	14.922	168	2692663	42.559	ng		95
56) 4-Nitrophenol	14.745	139	900311	98.984	ng	#	78
57) 2,4-Dinitrotoluene	14.892	165	671633	49.119	ng		90
58) Fluorene	15.574	166	2134752	43.675	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.151	232	613638	44.034	ng		96
60) Diethylphthalate	15.351	149	2131387	43.362	ng		97
61) 4-Chlorophenyl-phenyle...	15.569	204	1094969	42.393	ng		91
62) 4-Nitroaniline	15.592	138	476538	42.293	ng	#	80
63) Azobenzene	15.863	77	1836051	43.106	ng		92
65) 4,6-Dinitro-2-methylph...	15.651	198	347498	40.118	ng		98
66) n-Nitrosodiphenylamine	15.780	169	1893791	44.095	ng		99
67) 4-Bromophenyl-phenylether	16.463	248	684855	43.291	ng		95
68) Hexachlorobenzene	16.580	284	778903	44.551	ng		97
69) Atrazine	16.739	200	703579	46.476	ng		98
70) Pentachlorophenol	16.927	266	1041732	95.943	ng		100
71) Phenanthrene	17.316	178	3438221	44.425	ng		99
72) Anthracene	17.410	178	3470515	45.839	ng		99
73) Carbazole	17.680	167	3173312	42.773	ng		98
74) Di-n-butylphthalate	18.233	149	3747381	45.578	ng		98
75) Fluoranthene	19.280	202	4136973	46.395	ng		97
77) Benzidine	19.462	184	1926632	43.954	ng		100
78) Pyrene	19.633	202	4214588	45.037	ng		98
80) Butylbenzylphthalate	20.509	149	1705171	45.500	ng		95
81) Benzo(a)anthracene	21.345	228	3990792	43.105	ng		98
82) 3,3'-Dichlorobenzidine	21.274	252	1140186	35.860	ng	#	98
83) Chrysene	21.398	228	3882702	43.880	ng		98
84) Bis(2-ethylhexyl)phtha...	21.268	149	2497837	46.360	ng		98
85) Di-n-octyl phthalate	22.198	149	4346911	47.388	ng		100
87) Indeno(1,2,3-cd)pyrene	26.303	276	4950541	45.534	ng	#	95
88) Benzo(b)fluoranthene	23.039	252	4393256m	48.592	ng		
89) Benzo(k)fluoranthene	23.086	252	3925997	42.889	ng	#	98
90) Benzo(a)pyrene	23.668	252	4126017	53.716	ng	#	98
91) Dibenzo(a,h)anthracene	26.321	278	4149613	45.544	ng	#	96
92) Benzo(g,h,i)perylene	27.080	276	4170829	46.909	ng	#	94

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

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