Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007139.D
Acq On : 23 Sep 2021 23:19
Operator : CG/JU
Sample : M3832-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-BMSD

Manual Integrations APPROVED
mohammad
9/24/2021 5:31:24 PM

Quant Time: Sep 24 01:03:09 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.893	152	320987	20.000	ng		0.00
21) Naphthalene-d8	10.693	136	1238485	20.000	ng		0.00
39) Acenaphthene-d10	14.522	164	772514	20.000	ng		0.00
64) Phenanthrene-d10	17.269	188	1581989	20.000	ng	#	0.00
76) Chrysene-d12	21.357	240	1565922	20.000	ng		0.00
86) Perylene-d12	23.763	264	1696971	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	2144001	111.809	ng		0.00
7) Phenol-d6	7.064	99	2696146	102.874	ng		0.00
23) Nitrobenzene-d5	9.052	82	1545937	72.693	ng		0.00
42) 2,4,6-Tribromophenol	16.010	330	1228929	122.706	ng		0.00
45) 2-Fluorobiphenyl	13.146	172	3792372	70.329	ng		0.00
79) Terphenyl-d14	19.828	244	5605736	68.599	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	285061	36.761	ng		90
3) Pyridine	3.758	79	747045	35.205	ng	#	88
4) n-Nitrosodimethylamine	3.670	42	314957	43.296	ng	#	77
6) Aniline	7.216	93	1060909	36.724	ng		98
8) 2-Chlorophenol	7.458	128	961993	46.160	ng		99
9) Benzaldehyde	7.028	77	564106m	38.210	ng		
10) Phenol	7.093	94	1152356	45.606	ng		90
11) bis(2-Chloroethyl)ether	7.316	93	841571	42.194	ng		97
12) 1,3-Dichlorobenzene	7.781	146	1014344	43.150	ng		96
13) 1,4-Dichlorobenzene	7.928	146	1039043	43.356	ng		97
14) 1,2-Dichlorobenzene	8.240	146	997317	42.945	ng		98
15) Benzyl Alcohol	8.134	79	759989	45.276	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.422	45	932052	40.812	ng		91
17) 2-Methylphenol	8.340	107	775454	45.524	ng		93
18) Hexachloroethane	8.969	117	350123	43.515	ng		93
19) n-Nitroso-di-n-propyla...	8.705	70	584974	41.038	ng		96
20) 3+4-Methylphenols	8.669	107	1046545	44.434	ng		95
22) Acetophenone	8.716	105	1290285	43.238	ng	#	99
24) Nitrobenzene	9.093	77	908040	44.784	ng		96
25) Isophorone	9.622	82	1625640	43.838	ng		98
26) 2-Nitrophenol	9.805	139	513779	48.595	ng	#	87
27) 2,4-Dimethylphenol	9.869	122	837571	50.314	ng		96
28) bis(2-Chloroethoxy)met...	10.105	93	1073043	41.015	ng		99
29) 2,4-Dichlorophenol	10.340	162	921201	47.438	ng		99
30) 1,2,4-Trichlorobenzene	10.552	180	974610	44.055	ng		97
31) Naphthalene	10.740	128	2768279	43.797	ng		100
32) Benzoic acid	10.028	122	665687	52.029	ng		95
33) 4-Chloroaniline	10.852	127	624631	23.920	ng		98
34) Hexachlorobutadiene	11.028	225	593749	44.825	ng		98
35) Caprolactam	11.657	113	290140m	48.566	ng		
36) 4-Chloro-3-methylphenol	11.981	107	901408	45.667	ng		97
37) 2-Methylnaphthalene	12.351	142	2016807	45.568	ng		96
38) 1-Methylnaphthalene	12.569	142	1869166	43.223	ng		100
40) 1,2,4,5-Tetrachloroben...	12.716	216	1083956	45.819	ng		98
41) Hexachlorocyclopentadiene	12.699	237	887307	67.674	ng		99
43) 2,4,6-Trichlorophenol	12.957	196	753288	46.666	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.028	196	822574	47.321	ng		96
46) 1,1'-Biphenyl	13.357	154	2468381	42.958	ng		100
47) 2-Chloronaphthalene	13.398	162	1981572	44.519	ng		98
48) 2-Nitroaniline	13.604	65	515960	47.544	ng		89
49) Acenaphthylene	14.246	152	3131185	45.673	ng		100
50) Dimethylphthalate	13.981	163	2424297	43.633	ng		100
51) 2,6-Dinitrotoluene	14.098	165	549137	48.384	ng		90
52) Acenaphthene	14.587	154	1868798	44.992	ng		100
53) 3-Nitroaniline	14.428	138	406956	33.162	ng		96
54) 2,4-Dinitrophenol	14.634	184	457465	69.972	ng		90
55) Dibenzofuran	14.922	168	3003118	43.335	ng		95
56) 4-Nitrophenol	14.745	139	1020516	102.436	ng	#	78
57) 2,4-Dinitrotoluene	14.887	165	751523	50.178	ng		91
58) Fluorene	15.569	166	2377235	44.403	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.145	232	710741	46.563	ng		96
60) Diethylphthalate	15.345	149	2367985	43.983	ng		98
61) 4-Chlorophenyl-phenyle...	15.563	204	1233431	43.598	ng		92
62) 4-Nitroaniline	15.592	138	556154	45.064	ng	#	80
63) Azobenzene	15.857	77	1988888	42.631	ng		90
65) 4,6-Dinitro-2-methylph...	15.651	198	312242	32.890	ng		97
66) n-Nitrosodiphenylamine	15.781	169	2111949	44.867	ng		99
67) 4-Bromophenyl-phenylether	16.457	248	791503	45.650	ng		95
68) Hexachlorobenzene	16.575	284	903055	47.127	ng		98
69) Atrazine	16.734	200	777008	46.830	ng		98
70) Pentachlorophenol	16.922	266	1205237	101.278	ng		99
71) Phenanthrene	17.316	178	3823709	45.078	ng		99
72) Anthracene	17.404	178	3874982	46.698	ng		99
73) Carbazole	17.675	167	3544240	43.588	ng		98
74) Di-n-butylphthalate	18.228	149	4126876	45.797	ng		98
75) Fluoranthene	19.281	202	4522044	46.271	ng		98
77) Benzidine	19.457	184	2585809	53.733	ng		99
78) Pyrene	19.633	202	4658448	45.343	ng		98
80) Butylbenzylphthalate	20.504	149	1910368	46.431	ng		92
81) Benzo(a)anthracene	21.339	228	4498470	44.257	ng		98
82) 3,3'-Dichlorobenzidine	21.269	252	1578059	45.207	ng		98
83) Chrysene	21.392	228	4365736	44.941	ng		97
84) Bis(2-ethylhexyl)phtha...	21.263	149	2709743	45.810	ng		98
85) Di-n-octyl phthalate	22.186	149	4790870	47.572	ng		99
87) Indeno(1,2,3-cd)pyrene	26.292	276	5599867	45.918	ng	#	96
88) Benzo(b)fluoranthene	23.027	252	4782633	47.159	ng	#	98
89) Benzo(k)fluoranthene	23.074	252	4593251	44.734	ng	#	98
90) Benzo(a)pyrene	23.657	252	4641133	53.867	ng	#	98
91) Dibenzo(a,h)anthracene	26.310	278	4737045	46.350	ng	#	96
92) Benzo(g,h,i)perylene	27.068	276	4712532	47.250	ng	#	95

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

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