Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060821\
Data File : BP005796.D
Acq On : 09 Jun 2021 05:19
Operator : CG/JU
Sample : M2589-21MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B7(0-2)MSD

Manual Integrations APPROVED
mohammad
6/9/2021 3:53:24 PM

Quant Time: Jun 09 12:02:02 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 09 11:54:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.957	152	90522	20.000	ng	0.00
21) Naphthalene-d8	10.763	136	342066	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	201026	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	402906	20.000	ng	0.00
76) Chrysene-d12	21.398	240	417956	20.000	ng	0.00
86) Perylene-d12	23.821	264	508013	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	713259	126.435	ng	0.00
7) Phenol-d6	7.128	99	759995	103.939	ng	0.00
23) Nitrobenzene-d5	9.122	82	587563	84.213	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	420736	121.961	ng	0.00
45) 2-Fluorobiphenyl	13.210	172	1216448	79.460	ng	0.00
79) Terphenyl-d14	19.868	244	1885973	84.494	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.399	88	91705	35.982	ng	# 45
3) Pyridine	3.816	79	173011	28.883	ng	98
4) n-Nitrosodimethylamine	3.710	42	118545	42.575	ng	98
6) Aniline	7.287	93	234945	28.781	ng	99
8) 2-Chlorophenol	7.522	128	298216	46.105	ng	99
9) Benzaldehyde	7.093	77	93934	30.135	ng	99
10) Phenol	7.151	94	293125	40.130	ng	97
11) bis(2-Chloroethyl)ether	7.381	93	256129	46.274	ng	99
12) 1,3-Dichlorobenzene	7.845	146	309648	42.813	ng	99
13) 1,4-Dichlorobenzene	7.992	146	319601	43.331	ng	100
14) 1,2-Dichlorobenzene	8.310	146	309338	43.876	ng	99
15) Benzyl Alcohol	8.204	79	263630	47.868	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.492	45	222576	43.500	ng	98
17) 2-Methylphenol	8.404	107	229614	46.136	ng	99
18) Hexachloroethane	9.040	117	118899	44.565	ng	97
19) n-Nitroso-di-n-propyla...	8.769	70	199023	44.245	ng	98
20) 3+4-Methylphenols	8.734	107	301960	44.917	ng	99
22) Acetophenone	8.787	105	417419	46.362	ng	99
24) Nitrobenzene	9.163	77	314500	43.409	ng	97
25) Isophorone	9.692	82	531648	41.262	ng	99
26) 2-Nitrophenol	9.875	139	156224	45.192	ng	99
27) 2,4-Dimethylphenol	9.939	122	257597	50.019	ng	98
28) bis(2-Chloroethoxy)met...	10.175	93	322461	47.953	ng	99
29) 2,4-Dichlorophenol	10.410	162	278038	44.925	ng	99
30) 1,2,4-Trichlorobenzene	10.628	180	299633	43.087	ng	98
31) Naphthalene	10.816	128	852242	43.060	ng	100
32) Benzoic acid	10.092	122	117283	32.713	ng	98
33) 4-Chloroaniline	10.934	127	69307	8.668	ng	98
34) Hexachlorobutadiene	11.098	225	196681	41.814	ng	99
35) Caprolactam	11.722	113	63461m	35.598	ng	
36) 4-Chloro-3-methylphenol	12.045	107	280629	44.656	ng	96
37) 2-Methylnaphthalene	12.422	142	609216	43.233	ng	99
38) 1-Methylnaphthalene	12.639	142	563463	42.451	ng	100
40) 1,2,4,5-Tetrachloroben...	12.786	216	335210	47.373	ng	99
41) Hexachlorocyclopentadiene	12.763	237	358446	99.388	ng	97
43) 2,4,6-Trichlorophenol	13.022	196	221635	45.665	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.098	196	238898	45.705	ng	97
46) 1,1'-Biphenyl	13.422	154	767081	47.326	ng	99
47) 2-Chloronaphthalene	13.463	162	594422	44.911	ng	97
48) 2-Nitroaniline	13.669	65	166627	47.882	ng	97
49) Acenaphthylene	14.304	152	932989	45.948	ng	100
50) Dimethylphthalate	14.045	163	753481	45.587	ng	100
51) 2,6-Dinitrotoluene	14.163	165	166731	44.382	ng	94
52) Acenaphthene	14.645	154	541227	43.891	ng	99
53) 3-Nitroaniline	14.486	138	105796	29.056	ng	99
54) 2,4-Dinitrophenol	14.698	184	130515	59.722	ng	94
55) Dibenzofuran	14.980	168	869298	42.867	ng	97
56) 4-Nitrophenol	14.798	139	239064	81.003	ng	95
57) 2,4-Dinitrotoluene	14.945	165	225226	44.825	ng	95
58) Fluorene	15.627	166	686263	43.433	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.210	232	203807m	44.242	ng	
60) Diethylphthalate	15.404	149	755141	45.537	ng	100
61) 4-Chlorophenyl-phenyle...	15.622	204	354390	43.254	ng	97
62) 4-Nitroaniline	15.651	138	159687	42.609	ng	96
63) Azobenzene	15.916	77	652278	43.477	ng	98
65) 4,6-Dinitro-2-methylph...	15.710	198	105245	35.546	ng	98
66) n-Nitrosodiphenylamine	15.839	169	607656	45.480	ng	98
67) 4-Bromophenyl-phenylether	16.516	248	235088	45.460	ng	97
68) Hexachlorobenzene	16.633	284	273360	44.100	ng	98
69) Atrazine	16.786	200	235611	56.680	ng	99
70) Pentachlorophenol	16.980	266	333691	96.817	ng	99
71) Phenanthrene	17.368	178	1083148	44.765	ng	100
72) Anthracene	17.463	178	1095026	45.983	ng	99
73) Carbazole	17.727	167	989736	43.289	ng	99
74) Di-n-butylphthalate	18.274	149	1241699	46.875	ng	99
75) Fluoranthene	19.327	202	1268537	43.170	ng	99
77) Benzidine	19.498	184	290884	33.447	ng	99
78) Pyrene	19.680	202	1303005	44.657	ng	98
80) Butylbenzylphthalate	20.539	149	571131	47.577	ng	99
81) Benzo(a)anthracene	21.380	228	1311962	43.485	ng	99
82) 3,3'-Dichlorobenzidine	21.309	252	292418	28.034	ng	98
83) Chrysene	21.433	228	1289503	44.128	ng	99
84) Bis(2-ethylhexyl)phtha...	21.298	149	841138	47.777	ng	99
85) Di-n-octyl phthalate	22.227	149	1538847	48.860	ng	100
87) Indeno(1,2,3-cd)pyrene	26.380	276	2076714	47.803	ng	100
88) Benzo(b)fluoranthene	23.080	252	1573243	45.215	ng	100
89) Benzo(k)fluoranthene	23.127	252	1455678	43.144	ng	100
90) Benzo(a)pyrene	23.715	252	1511522	46.207	ng	98
91) Dibenzo(a,h)anthracene	26.392	278	1760273	47.077	ng	99
92) Benzo(g,h,i)perylene	27.162	276	1780467	48.203	ng	98

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

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