Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071321\
Data File : BP006200.D
Acq On : 13 Jul 2021 14:49
Operator : CG/JU
Sample : PB137646BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB137646BSD

Manual Integrations APPROVED
mohammad
7/15/2021 11:30:25 AM

Quant Time: Jul 13 15:30:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 12 14:59:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.852	152	148532	20.000	ng		-0.01
21) Naphthalene-d8	10.652	136	594833	20.000	ng		-0.01
39) Acenaphthene-d10	14.493	164	323973	20.000	ng		0.00
64) Phenanthrene-d10	17.245	188	514521	20.000	ng		# 0.00
76) Chrysene-d12	21.328	240	471132	20.000	ng		# 0.00
86) Perylene-d12	23.710	264	586591	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1209181	140.075	ng		-0.01
7) Phenol-d6	7.040	99	1471737	128.893	ng		0.00
23) Nitrobenzene-d5	9.022	82	679508	72.157	ng		-0.01
42) 2,4,6-Tribromophenol	15.993	330	377934	97.984	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	1556287	71.016	ng		0.00
79) Terphenyl-d14	19.798	244	1504744	62.972	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	173917	51.348	ng		91
3) Pyridine	3.705	79	422824	49.131	ng	#	88
4) n-Nitrosodimethylamine	3.611	42	182841	54.016	ng	#	88
6) Aniline	7.181	93	554860	46.056	ng		99
8) 2-Chlorophenol	7.422	128	535648	52.981	ng		98
9) Benzaldehyde	6.999	77	260161	41.747	ng		92
10) Phenol	7.069	94	588459	53.661	ng		92
11) bis(2-Chloroethyl)ether	7.281	93	434421	52.425	ng		97
12) 1,3-Dichlorobenzene	7.740	146	554377	51.175	ng		96
13) 1,4-Dichlorobenzene	7.887	146	566185	51.175	ng		98
14) 1,2-Dichlorobenzene	8.205	146	538658	51.142	ng		99
15) Benzyl Alcohol	8.111	79	354670m	51.379	ng		
16) 2,2'-oxybis(1-Chloropr...	8.381	45	498572	50.660	ng		90
17) 2-Methylphenol	8.316	107	396336	53.127	ng		94
18) Hexachloroethane	8.922	117	194345	52.765	ng		93
19) n-Nitroso-di-n-propyla...	8.669	70	304111	48.854	ng		97
20) 3+4-Methylphenols	8.652	107	522847	51.876	ng		94
22) Acetophenone	8.687	105	671639	49.609	ng	#	98
24) Nitrobenzene	9.063	77	459176	48.212	ng		94
25) Isophorone	9.593	82	796258	44.541	ng		97
26) 2-Nitrophenol	9.781	139	263489	49.765	ng	#	86
27) 2,4-Dimethylphenol	9.846	122	439982	56.295	ng		96
28) bis(2-Chloroethoxy)met...	10.069	93	520451	52.533	ng		99
29) 2,4-Dichlorophenol	10.328	162	420950	49.019	ng		98
30) 1,2,4-Trichlorobenzene	10.522	180	435789	47.663	ng		98
31) Naphthalene	10.705	128	1471044	47.439	ng		99
32) Benzoic acid	10.052	122	256813	43.948	ng		90
33) 4-Chloroaniline	10.840	127	277438	23.178	ng		96
34) Hexachlorobutadiene	10.981	225	234015	46.485	ng		98
35) Caprolactam	11.657	113	131486	48.572	ng		92
36) 4-Chloro-3-methylphenol	11.975	107	439853	47.432	ng		99
37) 2-Methylnaphthalene	12.316	142	997307	46.354	ng		97
38) 1-Methylnaphthalene	12.540	142	928757	45.613	ng		99
40) 1,2,4,5-Tetrachloroben...	12.687	216	398387	49.573	ng		97
41) Hexachlorocyclopentadiene	12.657	237	204197	90.176	ng		98
43) 2,4,6-Trichlorophenol	12.946	196	279333	48.044	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.028	196	301241	48.292	ng	#	94
46) 1,1'-Biphenyl	13.328	154	1177736	48.422	ng		98
47) 2-Chloronaphthalene	13.375	162	914903	48.896	ng		97
48) 2-Nitroaniline	13.593	65	239488	51.507	ng		92
49) Acenaphthylene	14.216	152	1465569	48.643	ng		100
50) Dimethylphthalate	13.957	163	1095869	47.040	ng		99
51) 2,6-Dinitrotoluene	14.087	165	241036	45.892	ng		92
52) Acenaphthene	14.557	154	854685	46.634	ng		98
53) 3-Nitroaniline	14.422	138	155601	29.241	ng		96
54) 2,4-Dinitrophenol	14.646	184	232149	83.679	ng		99
55) Dibenzofuran	14.893	168	1272821	44.612	ng		97
56) 4-Nitrophenol	14.763	139	335640	81.686	ng		86
57) 2,4-Dinitrotoluene	14.881	165	325155	45.966	ng		95
58) Fluorene	15.540	166	957430	41.771	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.134	232	204785	41.956	ng	#	71
60) Diethylphthalate	15.316	149	1010109	42.279	ng		98
61) 4-Chlorophenyl-phenyle...	15.534	204	415131	41.313	ng		89
62) 4-Nitroaniline	15.587	138	205215	38.382	ng		87
63) Azobenzene	15.828	77	849454	42.588	ng		97
65) 4,6-Dinitro-2-methylph...	15.657	198	134175	40.683	ng		84
66) n-Nitrosodiphenylamine	15.751	169	810752	48.394	ng		99
67) 4-Bromophenyl-phenylether	16.428	248	237186	46.762	ng	#	88
68) Hexachlorobenzene	16.551	284	277484	46.089	ng		94
69) Atrazine	16.710	200	258802	49.205	ng		93
70) Pentachlorophenol	16.910	266	277372	99.820	ng		98
71) Phenanthrene	17.287	178	1384310	47.640	ng		99
72) Anthracene	17.375	178	1398595	49.131	ng		99
73) Carbazole	17.657	167	1316928	46.685	ng		99
74) Di-n-butylphthalate	18.192	149	1658781	48.853	ng		99
75) Fluoranthene	19.257	202	1437346	45.132	ng		96
77) Benzidine	19.439	184	961567	68.830	ng		100
78) Pyrene	19.604	202	1481435	46.521	ng		99
80) Butylbenzylphthalate	20.469	149	761123	48.186	ng		96
81) Benzo(a)anthracene	21.310	228	1376545	46.196	ng		99
82) 3,3'-Dichlorobenzidine	21.245	252	376401	43.060	ng	#	98
83) Chrysene	21.363	228	1365888	46.383	ng		99
84) Bis(2-ethylhexyl)phtha...	21.222	149	1146925	49.194	ng	#	98
85) Di-n-octyl phthalate	22.133	149	2047739	49.869	ng		98
87) Indeno(1,2,3-cd)pyrene	26.221	276	2239199	51.777	ng	#	89
88) Benzo(b)fluoranthene	22.980	252	1608020	45.192	ng	#	96
89) Benzo(k)fluoranthene	23.027	252	1570049	45.144	ng	#	96
90) Benzo(a)pyrene	23.610	252	1664774	49.858	ng	#	95
91) Dibenzo(a,h)anthracene	26.233	278	1925550	51.708	ng	#	94
92) Benzo(g,h,i)perylene	26.998	276	1918666	52.353	ng	#	90

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

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