Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051421\
Data File : BP005544.D
Acq On : 14 May 2021 12:21
Operator : CG/JU
Sample : PB136243BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB136243BS

Manual Integrations APPROVED
mohammad
5/17/2021 11:19:05 AM

Quant Time: May 14 13:07:40 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 12:01:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.681	152	15108	20.00	ng		0.00
21) Naphthalene-d8	10.469	136	47523	20.00	ng		# 0.00
39) Acenaphthene-d10	14.334	164	33328	20.00	ng		0.00
64) Phenanthrene-d10	17.092	188	78221	20.00	ng		# 0.00
76) Chrysene-d12	21.186	240	92872	20.00	ng		# 0.00
86) Perylene-d12	23.498	264	105016	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.269	112	111994	142.26	ng		0.00
7) Phenol-d6	6.881	99	124569	126.90	ng		0.00
23) Nitrobenzene-d5	8.852	82	105000	86.96	ng		0.00
42) 2,4,6-Tribromophenol	15.834	330	110175	116.49	ng		0.00
45) 2-Fluorobiphenyl	12.951	172	266341	90.15	ng		0.00
79) Terphenyl-d14	19.663	244	513194	93.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.158	88	10289	32.74	ng	#	86
3) Pyridine	3.570	79	28210	40.47	ng	#	80
4) n-Nitrosodimethylamine	3.481	42	23875	42.59	ng	#	6
6) Aniline	7.016	93	41799	39.45	ng	#	79
8) 2-Chlorophenol	7.252	128	38644	45.70	ng		95
9) Benzaldehyde	6.828	77	28721	59.10	ng	#	74
10) Phenol	6.905	94	44230	45.05	ng	#	52
11) bis(2-Chloroethyl)ether	7.116	93	29564	43.60	ng		94
12) 1,3-Dichlorobenzene	7.564	146	47873	42.56	ng	#	91
13) 1,4-Dichlorobenzene	7.711	146	49635	44.27	ng		98
14) 1,2-Dichlorobenzene	8.028	146	46488	43.26	ng		97
15) Benzyl Alcohol	7.940	79	42630	45.02	ng	#	74
16) 2,2'-oxybis(1-Chloropr...	8.222	45	13781	41.16	ng	#	64
17) 2-Methylphenol	8.146	107	28835	42.76	ng	#	80
18) Hexachloroethane	8.740	117	19962	42.98	ng		84
19) n-Nitroso-di-n-propyla...	8.499	70	30093	41.86	ng		94
20) 3+4-Methylphenols	8.481	107	38678	43.15	ng		89
22) Acetophenone	8.516	105	58622	43.73	ng	#	86
24) Nitrobenzene	8.893	77	50845	41.98	ng		94
25) Isophorone	9.416	82	71889	38.45	ng	#	97
26) 2-Nitrophenol	9.599	139	21200	41.80	ng	#	76
27) 2,4-Dimethylphenol	9.675	122	31895	47.51	ng	#	77
28) bis(2-Chloroethoxy)met...	9.899	93	35503	45.36	ng		98
29) 2,4-Dichlorophenol	10.146	162	42084	39.92	ng		98
30) 1,2,4-Trichlorobenzene	10.334	180	57308	42.56	ng		97
31) Naphthalene	10.522	128	106056	41.50	ng		99
32) Benzoic acid	9.887	122	18499	35.67	ng	#	68
33) 4-Chloroaniline	10.657	127	18379	18.47	ng		97
34) Hexachlorobutadiene	10.793	225	46529	41.43	ng		97
35) Caprolactam	11.469	113	8555m	35.27	ng		
36) 4-Chloro-3-methylphenol	11.804	107	36084	38.40	ng		97
37) 2-Methylnaphthalene	12.146	142	84413	41.18	ng		97
38) 1-Methylnaphthalene	12.363	142	78046	40.33	ng		99
40) 1,2,4,5-Tetrachloroben...	12.516	216	71471	46.67	ng		97
41) Hexachlorocyclopentadiene	12.481	237	69760	105.57	ng		94
43) 2,4,6-Trichlorophenol	12.775	196	41137	43.00	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	42752	41.41	ng		98
46) 1,1'-Biphenyl	13.163	154	117789	45.90	ng		95
47) 2-Chloronaphthalene	13.204	162	95024	44.47	ng		99
48) 2-Nitroaniline	13.434	65	28373	46.75	ng		96
49) Acenaphthylene	14.051	152	133236	43.28	ng		98
50) Dimethylphthalate	13.804	163	121646	42.28	ng		99
51) 2,6-Dinitrotoluene	13.934	165	25483	39.45	ng		96
52) Acenaphthene	14.398	154	82361	43.01	ng		95
53) 3-Nitroaniline	14.269	138	12355	26.69	ng		86
54) 2,4-Dinitrophenol	14.493	184	30178	77.44	ng	#	72
55) Dibenzofuran	14.734	168	150232	41.70	ng		97
56) 4-Nitrophenol	14.610	139	24023	68.76	ng	#	68
57) 2,4-Dinitrotoluene	14.728	165	38097	40.00	ng	#	90
58) Fluorene	15.387	166	120798	41.07	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.975	232	40362m	39.10	ng		
60) Diethylphthalate	15.169	149	117765	42.26	ng		99
61) 4-Chlorophenyl-phenyle...	15.381	204	77932	42.34	ng		99
62) 4-Nitroaniline	15.440	138	15990	35.96	ng	#	65
63) Azobenzene	15.681	77	120210	41.85	ng		87
65) 4,6-Dinitro-2-methylph...	15.498	198	22254	35.90	ng		95
66) n-Nitrosodiphenylamine	15.604	169	101131	44.30	ng		94
67) 4-Bromophenyl-phenylether	16.281	248	54849	44.92	ng		97
68) Hexachlorobenzene	16.392	284	67075	43.32	ng		98
69) Atrazine	16.569	200	47744	44.77	ng		99
70) Pentachlorophenol	16.751	266	62454	76.02	ng		94
71) Phenanthrene	17.134	178	187704	42.23	ng		99
72) Anthracene	17.222	178	191219	43.35	ng		98
73) Carbazole	17.510	167	149769	38.55	ng		100
74) Di-n-butylphthalate	18.057	149	179093	42.00	ng	#	96
75) Fluoranthene	19.110	202	236686	38.72	ng		97
77) Benzidine	19.304	184	134072	93.26	ng		99
78) Pyrene	19.463	202	237897	45.24	ng		98
80) Butylbenzylphthalate	20.339	149	77500	45.62	ng		89
81) Benzo(a)anthracene	21.175	228	253201	42.07	ng		99
82) 3,3'-Dichlorobenzidine	21.110	252	80944	35.70	ng		99
83) Chrysene	21.227	228	245465	42.08	ng		99
84) Bis(2-ethylhexyl)phtha...	21.098	149	116417	44.82	ng	#	98
85) Di-n-octyl phthalate	21.986	149	193239	44.29	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.904	276	423406	47.92	ng	#	97
88) Benzo(b)fluoranthene	22.798	252	295614	42.24	ng	#	97
89) Benzo(k)fluoranthene	22.839	252	290242	42.42	ng	#	99
90) Benzo(a)pyrene	23.392	252	286762	44.71	ng	#	95
91) Dibenzo(a,h)anthracene	25.910	278	365179	46.84	ng	#	99
92) Benzo(g,h,i)perylene	26.633	276	344484	47.76	ng	#	95

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

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