Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051521\
Data File : BP005565.D
Acq On : 15 May 2021 13:17
Operator : CG/JU
Sample : PB136199BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB136199BS

Manual Integrations APPROVED
mohammad
5/17/2021 11:22:20 AM

Quant Time: May 17 10:30:36 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	7.669	152	12779	20.00	ng		0.00
21) Naphthalene-d8	10.463	136	42020	20.00	ng		# 0.00
39) Acenaphthene-d10	14.328	164	32213	20.00	ng		0.00
64) Phenanthrene-d10	17.086	188	76512	20.00	ng		# 0.00
76) Chrysene-d12	21.192	240	93977	20.00	ng		# 0.00
86) Perylene-d12	23.498	264	108525	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.263	112	99165	148.92	ng		0.00
7) Phenol-d6	6.875	99	111497	134.28	ng		0.00
23) Nitrobenzene-d5	8.840	82	93114	87.22	ng		-0.01
42) 2,4,6-Tribromophenol	15.834	330	106680	116.70	ng		0.00
45) 2-Fluorobiphenyl	12.945	172	249686	87.44	ng		0.00
79) Terphenyl-d14	19.663	244	501745	90.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.146	88	10075	38.66	ng	#	92
3) Pyridine	3.558	79	23862	40.47	ng	#	80
4) n-Nitrosodimethylamine	3.469	42	20829	43.93	ng	#	4
6) Aniline	7.010	93	40023	44.66	ng	#	76
8) 2-Chlorophenol	7.240	128	34823	48.69	ng		95
9) Benzaldehyde	6.822	77	24871	60.61	ng	#	77
10) Phenol	6.899	94	39795	47.92	ng	#	54
11) bis(2-Chloroethyl)ether	7.110	93	26709	46.56	ng		98
12) 1,3-Dichlorobenzene	7.557	146	39951	41.99	ng	#	87
13) 1,4-Dichlorobenzene	7.705	146	43085	45.43	ng		96
14) 1,2-Dichlorobenzene	8.022	146	40770	44.85	ng		97
15) Benzyl Alcohol	7.934	79	38613	48.21	ng	#	74
16) 2,2'-oxybis(1-Chloropr...	8.210	45	12859	45.41	ng	#	62
17) 2-Methylphenol	8.140	107	27101	47.52	ng	#	80
18) Hexachloroethane	8.734	117	17293	44.02	ng		92
19) n-Nitroso-di-n-propyla...	8.487	70	27774	45.68	ng		94
20) 3+4-Methylphenols	8.475	107	36698	48.40	ng		87
22) Acetophenone	8.504	105	53097	44.79	ng	#	88
24) Nitrobenzene	8.887	77	44437	41.49	ng		91
25) Isophorone	9.410	82	66281	40.09	ng		98
26) 2-Nitrophenol	9.593	139	18746	41.80	ng	#	73
27) 2,4-Dimethylphenol	9.663	122	29413	49.55	ng	#	77
28) bis(2-Chloroethoxy)met...	9.893	93	33352	48.19	ng		97
29) 2,4-Dichlorophenol	10.140	162	40011	42.93	ng		98
30) 1,2,4-Trichlorobenzene	10.334	180	49767	41.80	ng		94
31) Naphthalene	10.516	128	95918	42.45	ng		98
32) Benzoic acid	9.875	122	18491	40.33	ng	#	74
33) 4-Chloroaniline	10.657	127	17566	19.96	ng		97
34) Hexachlorobutadiene	10.787	225	40277	40.56	ng		96
35) Caprolactam	11.457	113	8387m	39.11	ng		
36) 4-Chloro-3-methylphenol	11.798	107	36336	43.73	ng		93
37) 2-Methylnaphthalene	12.140	142	76822	42.38	ng		97
38) 1-Methylnaphthalene	12.357	142	71120	41.56	ng		100
40) 1,2,4,5-Tetrachloroben...	12.510	216	65066	43.96	ng		97
41) Hexachlorocyclopentadiene	12.475	237	58514	92.66	ng		98
43) 2,4,6-Trichlorophenol	12.769	196	39419	42.63	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	41059	41.15	ng		94
46) 1,1'-Biphenyl	13.157	154	111176	44.83	ng		97
47) 2-Chloronaphthalene	13.198	162	89799	43.48	ng		100
48) 2-Nitroaniline	13.428	65	27034	46.08	ng		97
49) Acenaphthylene	14.051	152	132712	44.61	ng		98
50) Dimethylphthalate	13.798	163	118998	42.79	ng		99
51) 2,6-Dinitrotoluene	13.928	165	24894	39.87	ng		93
52) Acenaphthene	14.392	154	76647	41.41	ng		96
53) 3-Nitroaniline	14.263	138	11699	26.15	ng		86
54) 2,4-Dinitrophenol	14.486	184	31303	83.11	ng	#	75
55) Dibenzofuran	14.728	168	143182	41.12	ng		98
56) 4-Nitrophenol	14.610	139	25177	74.55	ng	#	82
57) 2,4-Dinitrotoluene	14.728	165	37289	40.50	ng	#	87
58) Fluorene	15.386	166	118921	41.83	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.975	232	39446m	39.53	ng		
60) Diethylphthalate	15.163	149	114021	42.33	ng		97
61) 4-Chlorophenyl-phenyle...	15.381	204	75470	42.42	ng		98
62) 4-Nitroaniline	15.434	138	16128	37.52	ng	#	85
63) Azobenzene	15.675	77	116292	41.89	ng		86
65) 4,6-Dinitro-2-methylph...	15.498	198	22866	37.71	ng		97
66) n-Nitrosodiphenylamine	15.604	169	100191	44.87	ng		93
67) 4-Bromophenyl-phenylether	16.275	248	54144	45.34	ng		95
68) Hexachlorobenzene	16.392	284	65696	43.37	ng		99
69) Atrazine	16.569	200	46955	45.01	ng		95
70) Pentachlorophenol	16.751	266	61018	75.93	ng		95
71) Phenanthrene	17.133	178	184320	42.39	ng		99
72) Anthracene	17.222	178	189553	43.93	ng		99
73) Carbazole	17.510	167	149235	39.27	ng		99
74) Di-n-butylphthalate	18.057	149	179708	43.09	ng	#	96
75) Fluoranthene	19.110	202	237051	39.64	ng		97
77) Benzidine	19.304	184	132553	91.12	ng		99
78) Pyrene	19.463	202	236031	44.36	ng		99
80) Butylbenzylphthalate	20.339	149	79942	46.50	ng		88
81) Benzo(a)anthracene	21.174	228	256489	42.12	ng		99
82) 3,3'-Dichlorobenzidine	21.116	252	78588	34.25	ng		97
83) Chrysene	21.227	228	249436	42.26	ng		99
84) Bis(2-ethylhexyl)phtha...	21.098	149	121388	46.18	ng	#	98
85) Di-n-octyl phthalate	21.986	149	206610	46.80	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.898	276	440482	48.25	ng	#	96
88) Benzo(b)fluoranthene	22.792	252	296909	41.06	ng	#	98
89) Benzo(k)fluoranthene	22.839	252	300433	42.49	ng	#	99
90) Benzo(a)pyrene	23.398	252	296830	44.78	ng	#	99
91) Dibenzo(a,h)anthracene	25.904	278	380774	47.26	ng		99
92) Benzo(g,h,i)perylene	26.633	276	360252	48.33	ng	#	97

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

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