Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051221\
Data File : BP005505.D
Acq On : 12 May 2021 15:39
Operator : CG/JU
Sample : PB136299BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 12 16:18:04 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 11 11:20:59 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB136299BS

Manual Integrations APPROVED

Sohil

5/13/2021 2:51:56 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.693	152	11730	20.00	ng		0.00
21) Naphthalene-d8	10.481	136	35862	20.00	ng		#-0.01
39) Acenaphthene-d10	14.346	164	29260	20.00	ng		0.00
64) Phenanthrene-d10	17.104	188	74433	20.00	ng		# 0.00
76) Chrysene-d12	21.204	240	114154	20.00	ng		# 0.01
86) Perylene-d12	23.516	264	125515	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.281	112	98703	161.49	ng		0.00
7) Phenol-d6	6.887	99	95855	125.77	ng		0.00
23) Nitrobenzene-d5	8.863	82	74188	81.42	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	90292	108.74	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	186535	71.91	ng		0.00
79) Terphenyl-d14	19.675	244	491310	73.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.170	88	18529	82.30	ng		95
3) Pyridine	3.581	79	40908	75.59	ng		88
4) n-Nitrosodimethylamine	3.493	42	29896	68.69	ng	#	15
6) Aniline	7.028	93	30661	37.27	ng	#	82
8) 2-Chlorophenol	7.264	128	27596	42.04	ng		89
9) Benzaldehyde	6.846	77	5805	12.39	ng	#	67
10) Phenol	6.917	94	34879	45.76	ng	#	45
11) bis(2-Chloroethyl)ether	7.128	93	22248	42.26	ng		93
12) 1,3-Dichlorobenzene	7.575	146	33570	38.43	ng	#	84
13) 1,4-Dichlorobenzene	7.728	146	34252	39.35	ng		98
14) 1,2-Dichlorobenzene	8.040	146	32334	38.75	ng		95
15) Benzyl Alcohol	7.952	79	32140	43.71	ng	#	79
16) 2,2'-oxybis(1-Chloropr...	8.228	45	10685	41.10	ng		68
17) 2-Methylphenol	8.158	107	22865	43.67	ng	#	82
18) Hexachloroethane	8.758	117	14297	39.65	ng		88
19) n-Nitroso-di-n-propyla...	8.511	70	22181	39.74	ng	#	95
20) 3+4-Methylphenols	8.493	107	29224	41.99	ng		81
22) Acetophenone	8.522	105	43382	42.88	ng	#	87
24) Nitrobenzene	8.905	77	37617	41.16	ng	#	91
25) Isophorone	9.428	82	57855	41.00	ng	#	93
26) 2-Nitrophenol	9.611	139	14544	38.00	ng	#	62
27) 2,4-Dimethylphenol	9.687	122	23018	45.44	ng	#	84
28) bis(2-Chloroethoxy)met...	9.910	93	26013	44.04	ng		98
29) 2,4-Dichlorophenol	10.158	162	31231	39.26	ng		97
30) 1,2,4-Trichlorobenzene	10.352	180	39108	38.49	ng		97
31) Naphthalene	10.534	128	72149	37.41	ng		97
32) Benzoic acid	9.881	122	14974	38.26	ng	#	78
33) 4-Chloroaniline	10.669	127	16381	21.81	ng	#	92
34) Hexachlorobutadiene	10.810	225	34093	40.23	ng		98
35) Caprolactam	11.475	113	6992m	38.20	ng		
36) 4-Chloro-3-methylphenol	11.810	107	27659	39.00	ng		96
37) 2-Methylnaphthalene	12.157	142	58196	37.62	ng		95
38) 1-Methylnaphthalene	12.375	142	53162	36.40	ng		97
40) 1,2,4,5-Tetrachloroben...	12.528	216	52964	39.40	ng	#	97
41) Hexachlorocyclopentadiene	12.499	237	51630	90.23	ng		98
43) 2,4,6-Trichlorophenol	12.787	196	32050	38.16	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	35296	38.94	ng		93
46) 1,1'-Biphenyl	13.181	154	85196	37.82	ng		98
47) 2-Chloronaphthalene	13.222	162	69599	37.10	ng		97
48) 2-Nitroaniline	13.446	65	22376	41.99	ng		99
49) Acenaphthylene	14.069	152	106444	39.39	ng		98
50) Dimethylphthalate	13.816	163	96774	38.31	ng		100
51) 2,6-Dinitrotoluene	13.946	165	19653	34.65	ng		97
52) Acenaphthene	14.410	154	63486	37.76	ng		95
53) 3-Nitroaniline	14.275	138	11493	28.28	ng		84
54) 2,4-Dinitrophenol	14.498	184	30035	87.79	ng	#	74
55) Dibenzofuran	14.746	168	118344	37.42	ng		97
56) 4-Nitrophenol	14.616	139	23461	76.48	ng	#	59
57) 2,4-Dinitrotoluene	14.740	165	32567	38.95	ng		86
58) Fluorene	15.398	166	99350	38.47	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.987	232	35902	39.61	ng	#	99
60) Diethylphthalate	15.181	149	96266	39.35	ng		99
61) 4-Chlorophenyl-phenyle...	15.393	204	66694	41.27	ng		98
62) 4-Nitroaniline	15.445	138	12982	33.25	ng	#	67
63) Azobenzene	15.693	77	103308	40.97	ng		88
65) 4,6-Dinitro-2-methylph...	15.510	198	21447	36.36	ng		97
66) n-Nitrosodiphenylamine	15.616	169	83869	38.61	ng		93
67) 4-Bromophenyl-phenylether	16.293	248	48486	41.73	ng		98
68) Hexachlorobenzene	16.404	284	58536	39.73	ng		97
69) Atrazine	16.581	200	43476	42.84	ng		99
70) Pentachlorophenol	16.763	266	63567	81.31	ng		97
71) Phenanthrene	17.145	178	166111	39.27	ng		99
72) Anthracene	17.240	178	172371	41.07	ng		98
73) Carbazole	17.522	167	137347	37.15	ng		99
74) Di-n-butylphthalate	18.069	149	170385	41.99	ng		97
75) Fluoranthene	19.122	202	241805	41.57	ng		96
77) Benzidine	19.316	184	80070	45.31	ng		98
78) Pyrene	19.475	202	246630	38.16	ng		99
80) Butylbenzylphthalate	20.357	149	85024	40.72	ng		89
81) Benzo(a)anthracene	21.186	228	300392	40.61	ng		100
82) 3,3'-Dichlorobenzidine	21.128	252	102585	36.81	ng		95
83) Chrysene	21.239	228	287301	40.07	ng		99
84) Bis(2-ethylhexyl)phtha...	21.110	149	133726	41.88	ng		97
85) Di-n-octyl phthalate	22.004	149	234864	43.79	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.933	276	483862	45.82	ng	#	97
88) Benzo(b)fluoranthene	22.816	252	344963	41.24	ng	#	99
89) Benzo(k)fluoranthene	22.857	252	339699	41.54	ng	#	97
90) Benzo(a)pyrene	23.416	252	312048	40.70	ng	#	98
91) Dibenzo(a,h)anthracene	25.939	278	418162	44.88	ng	#	98
92) Benzo(g,h,i)perylene	26.663	276	392189	45.49	ng	#	96

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

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