Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051421\
Data File : BP005548.D
Acq On : 14 May 2021 14:36
Operator : CG/JU
Sample : PB136365BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 14 15:32:28 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

Instrument :
BNA_P
ClientSampleId :
PB136365BS

Manual Integrations APPROVED
mohammad
5/17/2021 11:19:16 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	14780	20.00	ng		0.00
21) Naphthalene-d8	10.469	136	48524	20.00	ng	#	0.00
39) Acenaphthene-d10	14.334	164	36914	20.00	ng		0.00
64) Phenanthrene-d10	17.086	188	86679	20.00	ng	#	0.00
76) Chrysene-d12	21.192	240	109972	20.00	ng	#	0.00
86) Perylene-d12	23.492	264	117421	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.269	112	93237	121.06	ng		0.00
7) Phenol-d6	6.881	99	109372	113.89	ng		0.00
23) Nitrobenzene-d5	8.846	82	90950	73.77	ng		0.00
42) 2,4,6-Tribromophenol	15.834	330	105090	100.32	ng		0.00
45) 2-Fluorobiphenyl	12.951	172	242345	74.06	ng		0.00
79) Terphenyl-d14	19.663	244	504280	77.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.158	88	8859	28.24	ng	#	85
3) Pyridine	3.564	79	23837	34.96	ng	#	81
4) n-Nitrosodimethylamine	3.481	42	22397	40.84	ng	#	5
6) Aniline	7.016	93	34966	33.74	ng	#	81
8) 2-Chlorophenol	7.246	128	34816	42.09	ng		92
9) Benzaldehyde	6.828	77	5782	8.95	ng	#	56
10) Phenol	6.905	94	40619	42.29	ng	#	54
11) bis(2-Chloroethyl)ether	7.116	93	27178	40.97	ng		96
12) 1,3-Dichlorobenzene	7.563	146	41957	38.12	ng	#	84
13) 1,4-Dichlorobenzene	7.710	146	42603	38.84	ng		96
14) 1,2-Dichlorobenzene	8.022	146	40665	38.68	ng		98
15) Benzyl Alcohol	7.940	79	37445	40.42	ng	#	75
16) 2,2'-oxybis(1-Chloropr...	8.205	45	13463	41.10	ng	#	64
17) 2-Methylphenol	8.146	107	28545	43.27	ng	#	81
18) Hexachloroethane	8.740	117	18419	40.54	ng		86
19) n-Nitroso-di-n-propyla...	8.499	70	27274	38.78	ng		91
20) 3+4-Methylphenols	8.481	107	36415	41.53	ng		85
22) Acetophenone	8.510	105	55222	40.34	ng	#	91
24) Nitrobenzene	8.887	77	45352	36.67	ng		92
25) Isophorone	9.416	82	69050	36.17	ng	#	94
26) 2-Nitrophenol	9.599	139	18369	35.47	ng	#	70
27) 2,4-Dimethylphenol	9.669	122	29480	43.01	ng	#	83
28) bis(2-Chloroethoxy)met...	9.899	93	33798	42.29	ng		99
29) 2,4-Dichlorophenol	10.140	162	40163	37.31	ng		98
30) 1,2,4-Trichlorobenzene	10.334	180	51086	37.15	ng		99
31) Naphthalene	10.522	128	99227	38.03	ng		99
32) Benzoic acid	9.881	122	18221	34.41	ng	#	78
33) 4-Chloroaniline	10.657	127	21323	20.98	ng	#	93
34) Hexachlorobutadiene	10.793	225	43173	37.65	ng		95
35) Caprolactam	11.463	113	9329m	37.67	ng		
36) 4-Chloro-3-methylphenol	11.804	107	35652	37.15	ng		97
37) 2-Methylnaphthalene	12.140	142	79053	37.77	ng		97
38) 1-Methylnaphthalene	12.363	142	73631	37.26	ng		96
40) 1,2,4,5-Tetrachloroben...	12.516	216	66076	38.96	ng		97
41) Hexachlorocyclopentadiene	12.481	237	56837	79.74	ng		95
43) 2,4,6-Trichlorophenol	12.769	196	41055	38.74	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	42745	37.38	ng		91
46) 1,1'-Biphenyl	13.163	154	111919	39.38	ng		96
47) 2-Chloronaphthalene	13.204	162	92230	38.97	ng		98
48) 2-Nitroaniline	13.434	65	27227	40.50	ng		95
49) Acenaphthylene	14.051	152	138558	40.64	ng		99
50) Dimethylphthalate	13.804	163	120024	37.67	ng		99
51) 2,6-Dinitrotoluene	13.934	165	25264	35.31	ng		92
52) Acenaphthene	14.398	154	82609	38.95	ng		93
53) 3-Nitroaniline	14.263	138	13865	27.04	ng		97
54) 2,4-Dinitrophenol	14.493	184	34940	80.95	ng	#	80
55) Dibenzofuran	14.734	168	143027	35.85	ng		96
56) 4-Nitrophenol	14.616	139	25870	66.85	ng	#	72
57) 2,4-Dinitrotoluene	14.734	165	38320	36.32	ng		87
58) Fluorene	15.387	166	119952	36.82	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.975	232	40384	35.32	ng		93
60) Diethylphthalate	15.169	149	116698	37.81	ng		98
61) 4-Chlorophenyl-phenyle...	15.381	204	76949	37.75	ng		97
62) 4-Nitroaniline	15.440	138	15572	31.62	ng	#	80
63) Azobenzene	15.675	77	117829	37.04	ng		85
65) 4,6-Dinitro-2-methylph...	15.498	198	24029	34.98	ng		92
66) n-Nitrosodiphenylamine	15.604	169	102024	40.33	ng	#	91
67) 4-Bromophenyl-phenylether	16.281	248	54031	39.93	ng		97
68) Hexachlorobenzene	16.392	284	66644	38.84	ng		99
69) Atrazine	16.569	200	47022	39.79	ng		98
70) Pentachlorophenol	16.751	266	65564	72.01	ng		95
71) Phenanthrene	17.134	178	189007	38.37	ng		97
72) Anthracene	17.222	178	195466	39.99	ng		99
73) Carbazole	17.510	167	156919	36.45	ng		98
74) Di-n-butylphthalate	18.057	149	184280	39.00	ng	#	96
75) Fluoranthene	19.110	202	248960	36.75	ng		97
77) Benzidine	19.304	184	81978	48.16	ng		96
78) Pyrene	19.463	202	254103	40.81	ng		99
80) Butylbenzylphthalate	20.339	149	81849	40.69	ng		87
81) Benzo(a)anthracene	21.174	228	288837	40.53	ng		99
82) 3,3'-Dichlorobenzidine	21.110	252	101335	37.74	ng	#	99
83) Chrysene	21.227	228	276119	39.98	ng		98
84) Bis(2-ethylhexyl)phtha...	21.098	149	125968	40.95	ng	#	99
85) Di-n-octyl phthalate	21.986	149	210578	40.76	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.904	276	457253	46.29	ng	#	96
88) Benzo(b)fluoranthene	22.798	252	323842	41.39	ng	#	99
89) Benzo(k)fluoranthene	22.839	252	319555	41.77	ng	#	98
90) Benzo(a)pyrene	23.398	252	288342	40.20	ng	#	98
91) Dibenzo(a,h)anthracene	25.910	278	397836	45.64	ng	#	98
92) Benzo(g,h,i)perylene	26.639	276	370183	45.90	ng	#	94

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

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