Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050521\
Data File : BP005442.D
Acq On : 05 May 2021 17:35
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
5/6/2021 4:51:56 PM

Quant Time: May 05 18:04:39 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 05 17:06:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	16104	20.00	ng		0.00
21) Naphthalene-d8	10.510	136	52191	20.00	ng	#	0.00
39) Acenaphthene-d10	14.363	164	42053	20.00	ng	#	0.00
64) Phenanthrene-d10	17.122	188	109527	20.00	ng	#	0.00
76) Chrysene-d12	21.215	240	161055	20.00	ng	#	0.00
86) Perylene-d12	23.533	264	175282	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.305	112	94471	102.64	ng		0.00
7) Phenol-d6	6.910	99	121557	94.36	ng		0.00
23) Nitrobenzene-d5	8.887	82	147840	100.39	ng		0.00
42) 2,4,6-Tribromophenol	15.863	330	147014	168.54	ng		0.00
45) 2-Fluorobiphenyl	12.986	172	441311	125.28	ng		0.00
79) Terphenyl-d14	19.692	244	1114572	124.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.199	88	19294	37.76	ng		91
3) Pyridine	3.611	79	44117m	38.43	ng		
4) n-Nitrosodimethylamine	3.522	42	32628	67.11	ng	#	7
6) Aniline	7.057	93	63056	44.08	ng	#	83
8) 2-Chlorophenol	7.287	128	51923	54.33	ng		93
9) Benzaldehyde	6.869	77	30611	45.68	ng	#	72
10) Phenol	6.934	94	57431	44.71	ng	#	56
11) bis(2-Chloroethyl)ether	7.157	93	39281	44.41	ng		98
12) 1,3-Dichlorobenzene	7.604	146	65862	57.20	ng	#	88
13) 1,4-Dichlorobenzene	7.751	146	67042	57.31	ng		99
14) 1,2-Dichlorobenzene	8.069	146	66373	58.78	ng		97
15) Benzyl Alcohol	7.975	79	57034	48.28	ng	#	77
16) 2,2'-oxybis(1-Chloropr...	8.257	45	18835	48.92	ng		71
17) 2-Methylphenol	8.181	107	40376	49.11	ng	#	83
18) Hexachloroethane	8.787	117	27623	57.38	ng	#	83
19) n-Nitroso-di-n-propyla...	8.540	70	44162	43.44	ng		94
20) 3+4-Methylphenols	8.510	107	55417	49.28	ng		91
22) Acetophenone	8.551	105	81823	52.09	ng	#	89
24) Nitrobenzene	8.928	77	73406	48.79	ng		94
25) Isophorone	9.457	82	112531	47.02	ng	#	96
26) 2-Nitrophenol	9.634	139	31770	63.75	ng	#	85
27) 2,4-Dimethylphenol	9.710	122	42282	56.49	ng		87
28) bis(2-Chloroethoxy)met...	9.940	93	47791	46.17	ng		95
29) 2,4-Dichlorophenol	10.175	162	66546	65.37	ng		93
30) 1,2,4-Trichlorobenzene	10.375	180	83014	64.31	ng		98
31) Naphthalene	10.563	128	158622	56.93	ng		98
32) Benzoic acid	9.910	122	34323	62.61	ng	#	71
33) 4-Chloroaniline	10.687	127	60562	54.18	ng		96
34) Hexachlorobutadiene	10.840	225	69465	61.88	ng		96
35) Caprolactam	11.510	113	15023	52.65	ng		93
36) 4-Chloro-3-methylphenol	11.834	107	59055	54.08	ng		99
37) 2-Methylnaphthalene	12.181	142	132098	61.03	ng		97
38) 1-Methylnaphthalene	12.398	142	122042	59.96	ng		96
40) 1,2,4,5-Tetrachloroben...	12.551	216	111731	60.88	ng		97
41) Hexachlorocyclopentadiene	12.522	237	48013	76.50	ng		99
43) 2,4,6-Trichlorophenol	12.804	196	70380	62.77	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.881	196	77314	64.53	ng		95
46) 1,1'-Biphenyl	13.198	154	187448	59.41	ng		94
47) 2-Chloronaphthalene	13.239	162	156082	60.48	ng		98
48) 2-Nitroaniline	13.463	65	44804	52.80	ng		97
49) Acenaphthylene	14.086	152	226883	59.43	ng		97
50) Dimethylphthalate	13.839	163	208537	61.15	ng		99
51) 2,6-Dinitrotoluene	13.963	165	47720	63.15	ng	#	80
52) Acenaphthene	14.428	154	140220	58.96	ng		96
53) 3-Nitroaniline	14.292	138	34258	56.53	ng	#	93
54) 2,4-Dinitrophenol	14.510	184	32805	67.68	ng	#	83
55) Dibenzofuran	14.769	168	267896	62.67	ng		97
56) 4-Nitrophenol	14.622	139	27545	59.46	ng	#	81
57) 2,4-Dinitrotoluene	14.757	165	71169	65.19	ng	#	86
58) Fluorene	15.416	166	224081	63.30	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.998	232	77014	64.93	ng		97
60) Diethylphthalate	15.198	149	203546	60.78	ng		99
61) 4-Chlorophenyl-phenyle...	15.416	204	140829	63.45	ng		96
62) 4-Nitroaniline	15.463	138	33686	59.93	ng	#	83
63) Azobenzene	15.710	77	201306	49.24	ng		85
65) 4,6-Dinitro-2-methylph...	15.522	198	53254	64.43	ng		97
66) n-Nitrosodiphenylamine	15.633	169	186396	58.81	ng	#	94
67) 4-Bromophenyl-phenylether	16.310	248	101333	66.02	ng		97
68) Hexachlorobenzene	16.422	284	131432	74.44	ng		96
69) Atrazine	16.598	200	86088	60.07	ng		98
70) Pentachlorophenol	16.775	266	71709	75.29	ng		96
71) Phenanthrene	17.163	178	360467	60.59	ng		99
72) Anthracene	17.257	178	363667	60.86	ng		99
73) Carbazole	17.533	167	312488	58.94	ng		99
74) Di-n-butylphthalate	18.086	149	341962	58.90	ng	#	96
75) Fluoranthene	19.139	202	499538	60.93	ng		98
77) Benzidine	19.327	184	158064	57.39	ng		98
78) Pyrene	19.492	202	515554	56.04	ng		99
80) Butylbenzylphthalate	20.368	149	165558	56.12	ng		99
81) Benzo(a)anthracene	21.204	228	593048	56.77	ng		99
82) 3,3'-Dichlorobenzidine	21.139	252	228603	63.67	ng	#	98
83) Chrysene	21.251	228	573812	56.35	ng		98
84) Bis(2-ethylhexyl)phtha...	21.127	149	255949	55.82	ng	#	97
85) Di-n-octyl phthalate	22.021	149	424572	54.54	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.956	276	880076	62.40	ng	#	97
88) Benzo(b)fluoranthene	22.833	252	707642	60.63	ng	#	98
89) Benzo(k)fluoranthene	22.880	252	655055	58.74	ng	#	97
90) Benzo(a)pyrene	23.433	252	627266	58.95	ng	#	98
91) Dibenzo(a,h)anthracene	25.968	278	784874	63.92	ng	#	99
92) Benzo(g,h,i)perylene	26.698	276	707531	62.07	ng	#	96

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

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