Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032221\
Data File : BP005011.D
Acq On : 22 Mar 2021 11:06
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
3/23/2021 11:22:18 AM

Quant Time: Mar 22 12:47:35 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 22 12:45:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.722	152	33085	20.00	ng		0.00
21) Naphthalene-d8	10.510	136	134239	20.00	ng		# 0.00
39) Acenaphthene-d10	14.375	164	81238	20.00	ng		0.00
64) Phenanthrene-d10	17.133	188	168793	20.00	ng		# 0.00
76) Chrysene-d12	21.227	240	175321	20.00	ng		0.00
86) Perylene-d12	23.515	264	180554	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.316	112	51664	24.74	ng		0.00
7) Phenol-d6	6.893	99	68532	24.13	ng		0.00
23) Nitrobenzene-d5	8.881	82	59505	20.69	ng		0.00
42) 2,4,6-Tribromophenol	15.875	330	25264	23.97	ng		0.00
45) 2-Fluorobiphenyl	12.992	172	139344	23.08	ng		0.00
79) Terphenyl-d14	19.704	244	215938	22.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	11112	13.03	ng		96
3) Pyridine	3.669	79	24228	11.17	ng		96
4) n-Nitrosodimethylamine	3.569	42	8801	10.01	ng	#	73
6) Aniline	7.057	93	38608	12.10	ng		94
8) 2-Chlorophenol	7.287	128	28948	12.59	ng		91
9) Benzaldehyde	6.869	77	17682m	10.82	ng		
10) Phenol	6.922	94	34649	12.07	ng		87
11) bis(2-Chloroethyl)ether	7.152	93	25782	12.29	ng		94
12) 1,3-Dichlorobenzene	7.610	146	31797	12.35	ng	#	93
13) 1,4-Dichlorobenzene	7.757	146	32872	12.58	ng	#	92
14) 1,2-Dichlorobenzene	8.069	146	31093	12.33	ng	#	92
15) Benzyl Alcohol	7.969	79	23310	10.28	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.257	45	20382	14.46	ng		93
17) 2-Methylphenol	8.169	107	23234	11.98	ng		97
18) Hexachloroethane	8.793	117	12113	12.23	ng	#	80
19) n-Nitroso-di-n-propyla...	8.528	70	18832	10.24	ng		90
20) 3+4-Methylphenols	8.493	107	31893	11.95	ng		94
22) Acetophenone	8.546	105	40296	11.12	ng	#	92
24) Nitrobenzene	8.922	77	31432	10.50	ng	#	86
25) Isophorone	9.446	82	52663	10.13	ng		95
26) 2-Nitrophenol	9.634	139	13934	10.74	ng	#	75
27) 2,4-Dimethylphenol	9.693	122	22977	11.36	ng		92
28) bis(2-Chloroethoxy)met...	9.934	93	29396	11.03	ng		99
29) 2,4-Dichlorophenol	10.163	162	24904	10.83	ng		97
30) 1,2,4-Trichlorobenzene	10.375	180	28034	10.92	ng		97
31) Naphthalene	10.563	128	91023	11.90	ng		99
32) Benzoic acid	9.781	122	13644	9.13	ng		90
33) 4-Chloroaniline	10.681	127	33653	10.98	ng	#	91
34) Hexachlorobutadiene	10.845	225	16627	9.77	ng		98
35) Caprolactam	11.457	113	7276	10.01	ng		95
36) 4-Chloro-3-methylphenol	11.810	107	28818	10.57	ng		92
37) 2-Methylnaphthalene	12.181	142	62076	11.17	ng	#	94
38) 1-Methylnaphthalene	12.404	142	58338	11.11	ng		97
40) 1,2,4,5-Tetrachloroben...	12.551	216	28347	10.95	ng	#	97
41) Hexachlorocyclopentadiene	12.534	237	14905	9.87	ng		96
43) 2,4,6-Trichlorophenol	12.798	196	19889	10.91	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	21360	10.86	ng	#	91
46) 1,1'-Biphenyl	13.204	154	74936	11.91	ng		98
47) 2-Chloronaphthalene	13.245	162	60404	11.86	ng		94
48) 2-Nitroaniline	13.457	65	14830	9.60	ng	#	63
49) Acenaphthylene	14.092	152	93896	11.62	ng		100
50) Dimethylphthalate	13.834	163	73544	11.46	ng		99
51) 2,6-Dinitrotoluene	13.951	165	16277	10.96	ng	#	60
52) Acenaphthene	14.439	154	58186	11.80	ng		90
53) 3-Nitroaniline	14.287	138	16735	11.56	ng	#	79
54) 2,4-Dinitrophenol	14.492	184	7608	8.40	ng	#	79
55) Dibenzofuran	14.775	168	93049	11.46	ng		94
56) 4-Nitrophenol	14.598	139	12523	10.49	ng	#	53
57) 2,4-Dinitrotoluene	14.745	165	21758	10.72	ng	#	62
58) Fluorene	15.428	166	74688	11.29	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.004	232	18723m	10.33	ng		
60) Diethylphthalate	15.204	149	72981	11.00	ng		99
61) 4-Chlorophenyl-phenyle...	15.428	204	36197	10.59	ng		93
62) 4-Nitroaniline	15.457	138	16069	10.49	ng	#	66
63) Azobenzene	15.722	77	69599	10.29	ng		89
65) 4,6-Dinitro-2-methylph...	15.510	198	12554	10.27	ng		81
66) n-Nitrosodiphenylamine	15.639	169	66425	12.10	ng		97
67) 4-Bromophenyl-phenylether	16.328	248	22119	11.28	ng		93
68) Hexachlorobenzene	16.433	284	26136	12.17	ng		94
69) Atrazine	16.604	200	20133	10.50	ng		95
70) Pentachlorophenol	16.780	266	15264	11.09	ng		96
71) Phenanthrene	17.175	178	118014	11.91	ng		99
72) Anthracene	17.269	178	112497	11.54	ng		97
73) Carbazole	17.545	167	111322	11.90	ng		98
74) Di-n-butylphthalate	18.098	149	118333	11.14	ng	#	97
75) Fluoranthene	19.151	202	133316	11.23	ng		99
77) Benzidine	19.339	184	39370	8.58	ng		97
78) Pyrene	19.504	202	137790	11.47	ng		99
80) Butylbenzylphthalate	20.386	149	52676	10.97	ng	#	85
81) Benzo(a)anthracene	21.210	228	136864	11.36	ng		97
82) 3,3'-Dichlorobenzidine	21.151	252	44661	10.57	ng		97
83) Chrysene	21.263	228	134160	11.38	ng		96
84) Bis(2-ethylhexyl)phtha...	21.145	149	78331	11.05	ng		99
85) Di-n-octyl phthalate	22.027	149	134034	11.13	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.851	276	158922	11.68	ng		99
88) Benzo(b)fluoranthene	22.821	252	142837	11.05	ng		100
89) Benzo(k)fluoranthene	22.863	252	143078	11.62	ng		98
90) Benzo(a)pyrene	23.415	252	131948	11.35	ng		98
91) Dibenzo(a,h)anthracene	25.862	278	141296	11.94	ng		97
92) Benzo(g,h,i)perylene	26.574	276	133388	11.67	ng		97

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

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