Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110320\
Data File : BP003795.D
Acq On : 03 Nov 2020 15:33
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
11/4/2020 11:00:37 AM

Quant Time: Nov 03 16:10:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 14:52:25 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.299	152	148420	20.00	ng		0.00
21) Naphthalene-d8	11.128	136	522184	20.00	ng	#	0.00
39) Acenaphthene-d10	14.910	164	325281	20.00	ng		0.00
64) Phenanthrene-d10	17.634	188	684186	20.00	ng	#	0.00
76) Chrysene-d12	21.651	240	664578	20.00	ng		0.00
86) Perylene-d12	24.110	264	658608	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.816	112	1374638	146.04	ng		0.00
7) Phenol-d6	7.463	99	1949083	170.84	ng		0.00
23) Nitrobenzene-d5	9.463	82	1782671m	167.38	ng		0.00
42) 2,4,6-Tribromophenol	16.387	330	716449	122.37	ng		0.00
45) 2-Fluorobiphenyl	13.540	172	3650832	129.39	ng		0.00
79) Terphenyl-d14	20.122	244	5396921	141.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.511	88	288102	62.06	ng	#	63
3) Pyridine	3.946	79	860228	53.43	ng	#	60
4) n-Nitrosodimethylamine	3.846	42	391448	66.53	ng	#	57
6) Aniline	7.605	93	1109572	87.18	ng	#	85
8) 2-Chlorophenol	7.869	128	720074	85.85	ng	#	81
10) Phenol	7.487	94	938423	86.52	ng		81
11) bis(2-Chloroethyl)ether	7.687	93	741352	86.81	ng	#	80
12) 1,3-Dichlorobenzene	8.193	146	865442	81.15	ng	#	95
13) 1,4-Dichlorobenzene	8.334	146	867069	76.06	ng		96
14) 1,2-Dichlorobenzene	8.669	146	822493	79.70	ng		97
15) Benzyl Alcohol	8.528	79	697539	85.04	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.828	45	1213714	134.24	ng		82
17) 2-Methylphenol	8.752	107	622612	78.84	ng	#	94
18) Hexachloroethane	9.410	117	321301	71.69	ng		94
19) n-Nitroso-di-n-propyla...	9.105	70	585202	83.50	ng	#	76
20) 3+4-Methylphenols	9.081	107	838022	80.95	ng		96
22) Acetophenone	9.116	105	1129790	85.90	ng	#	86
24) Nitrobenzene	9.505	77	867273	84.50	ng	#	81
25) Isophorone	10.028	82	1520825	84.96	ng	#	91
26) 2-Nitrophenol	10.228	139	387168	87.40	ng	#	77
27) 2,4-Dimethylphenol	10.287	122	573395	83.29	ng		92
28) bis(2-Chloroethoxy)met...	10.499	93	998976	85.24	ng		97
29) 2,4-Dichlorophenol	10.775	162	706382	81.07	ng		95
30) 1,2,4-Trichlorobenzene	10.993	180	816518	73.17	ng		99
31) Naphthalene	11.175	128	2237941	75.80	ng		100
32) Benzoic acid	10.469	122	435357	106.94	ng	#	79
33) 4-Chloroaniline	11.269	127	974509	77.70	ng	#	89
34) Hexachlorobutadiene	11.493	225	532665	62.13	ng		99
35) Caprolactam	12.022	113	235922	83.08	ng	#	24
36) 4-Chloro-3-methylphenol	12.387	107	757307	81.02	ng		88
37) 2-Methylnaphthalene	12.757	142	1605252	76.86	ng		97
38) 1-Methylnaphthalene	12.975	142	1511708	72.08	ng		99
40) 1,2,4,5-Tetrachloroben...	13.134	216	879044	62.58	ng		99
41) Hexachlorocyclopentadiene	13.134	237	481327	65.86	ng		98
43) 2,4,6-Trichlorophenol	13.363	196	583745	72.49	ng		98
44) 2,4,5-Trichlorophenol	13.434	196	601857	68.23	ng	#	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.745	154	2005039	69.90	ng		98
47) 2-Chloronaphthalene	13.793	162	1648910	69.12	ng		98
48) 2-Nitroaniline	13.975	65	560993	97.99	ng	#	61
49) Acenaphthylene	14.634	152	2483085	82.23	ng		100
50) Dimethylphthalate	14.345	163	2057517	74.46	ng		99
51) 2,6-Dinitrotoluene	14.457	165	448469	78.20	ng	#	73
52) Acenaphthene	14.975	154	1663123	83.79	ng		93
53) 3-Nitroaniline	14.787	138	499847	92.79	ng	#	74
54) 2,4-Dinitrophenol	14.987	184	233034	93.51	ng	#	1
55) Dibenzofuran	15.304	168	2384222	66.47	ng		100
56) 4-Nitrophenol	15.098	139	383026	95.50	ng	#	63
57) 2,4-Dinitrotoluene	15.240	165	618374	73.52	ng	#	73
58) Fluorene	15.945	166	1899751	66.96	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.534	232	548431	62.52	ng		98
60) Diethylphthalate	15.692	149	2035219	70.32	ng		99
61) 4-Chlorophenyl-phenyle...	15.928	204	1048775	63.42	ng		97
62) 4-Nitroaniline	15.945	138	524487	81.74	ng		87
63) Azobenzene	16.216	77	1904176	74.92	ng		84
65) 4,6-Dinitro-2-methylph...	16.010	198	322737	90.30	ng	#	78
66) n-Nitrosodiphenylamine	16.134	169	1688392	84.62	ng		98
67) 4-Bromophenyl-phenylether	16.816	248	656165	77.82	ng		99
68) Hexachlorobenzene	16.975	284	744971	75.81	ng		98
69) Atrazine	17.063	200	545016	77.09	ng		99
70) Pentachlorophenol	17.298	266	404881	83.96	ng		100
71) Phenanthrene	17.675	178	3038160	81.80	ng		99
72) Anthracene	17.763	178	2974342	81.83	ng		99
73) Carbazole	18.016	167	2764136	89.05	ng		99
74) Di-n-butylphthalate	18.533	149	3421459	91.47	ng	#	99
75) Fluoranthene	19.604	202	3554602	82.25	ng		100
77) Benzidine	19.745	184	1098048	79.69	ng		100
78) Pyrene	19.951	202	3636239	80.70	ng		99
80) Butylbenzylphthalate	20.769	149	1545708	106.09	ng	#	86
81) Benzo(a)anthracene	21.633	228	3521515	81.95	ng		99
82) 3,3'-Dichlorobenzidine	21.545	252	1226112	81.79	ng		99
83) Chrysene	21.692	228	3335366	81.16	ng		98
84) Bis(2-ethylhexyl)phtha...	21.516	149	2210847	107.01	ng		99
85) Di-n-octyl phthalate	22.439	149	3723083	102.62	ng	#	86
87) Indeno(1,2,3-cd)pyrene	26.668	276	3916318	83.11	ng		99
88) Benzo(b)fluoranthene	23.363	252	3536325	86.70	ng		99
89) Benzo(k)fluoranthene	23.416	252	3458272	84.70	ng		99
90) Benzo(a)pyrene	24.004	252	3304960	85.85	ng		100
91) Dibenzo(a,h)anthracene	26.662	278	3269412	83.05	ng		98
92) Benzo(g,h,i)perylene	27.445	276	3195928	80.80	ng		98

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

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