Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110620\
Data File : BP003838.D
Acq On : 06 Nov 2020 13:59
Operator : CG/JU
Sample : L4635-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
356MS

Manual Integrations APPROVED
mohammad
11/10/2020 11:59:16 AM

Quant Time: Nov 06 14:31:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 06 11:33:14 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.305	152	151582	20.00	ng		0.00
21) Naphthalene-d8	11.134	136	580346	20.00	ng		# 0.00
39) Acenaphthene-d10	14.916	164	353957	20.00	ng		0.00
64) Phenanthrene-d10	17.645	188	734015	20.00	ng		# 0.00
76) Chrysene-d12	21.669	240	671289	20.00	ng		0.00
86) Perylene-d12	24.145	264	721232	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.822	112	1110388	122.26	ng		0.00
7) Phenol-d6	7.469	99	1441521	110.57	ng		0.00
23) Nitrobenzene-d5	9.463	82	935097m	78.91	ng		0.00
42) 2,4,6-Tribromophenol	16.398	330	562874	127.14	ng		0.00
45) 2-Fluorobiphenyl	13.546	172	1936556	76.49	ng		0.00
79) Terphenyl-d14	20.133	244	2457813	70.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.511	88	156748	40.00	ng	#	62
3) Pyridine	3.946	79	471789	41.05	ng	#	64
4) n-Nitrosodimethylamine	3.846	42	235058	44.43	ng	#	57
6) Aniline	7.605	93	387200	26.15	ng	#	86
8) 2-Chlorophenol	7.869	128	488299	50.64	ng	#	81
9) Benzaldehyde	7.405	77	110974	15.61	ng	#	79
10) Phenol	7.499	94	644142	51.20	ng		85
11) bis(2-Chloroethyl)ether	7.693	93	468086	46.29	ng		83
12) 1,3-Dichlorobenzene	8.199	146	544196	46.05	ng	#	95
13) 1,4-Dichlorobenzene	8.340	146	553609	46.47	ng		97
14) 1,2-Dichlorobenzene	8.669	146	527551	46.36	ng		97
15) Benzyl Alcohol	8.534	79	447871	49.60	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.828	45	704325	41.36	ng		82
17) 2-Methylphenol	8.763	107	413091	50.01	ng	#	94
18) Hexachloroethane	9.416	117	199756	47.18	ng		97
19) n-Nitroso-di-n-propyla...	9.105	70	367478	47.16	ng	#	78
20) 3+4-Methylphenols	9.087	107	554782	50.31	ng		96
22) Acetophenone	9.122	105	715561	45.94	ng	#	87
24) Nitrobenzene	9.510	77	544134	46.21	ng	#	82
25) Isophorone	10.034	82	985545	48.96	ng	#	91
26) 2-Nitrophenol	10.234	139	261136	56.79	ng	#	75
27) 2,4-Dimethylphenol	10.299	122	448243	58.44	ng		92
28) bis(2-Chloroethoxy)met...	10.505	93	603279	43.68	ng		99
29) 2,4-Dichlorophenol	10.787	162	472396	51.11	ng		95
30) 1,2,4-Trichlorobenzene	11.004	180	513045	45.56	ng		98
31) Naphthalene	11.187	128	1442743	46.33	ng		99
32) Benzoic acid	10.457	122	277268	50.89	ng	#	80
33) 4-Chloroaniline	11.275	127	256061	19.35	ng	#	90
34) Hexachlorobutadiene	11.499	225	327410	44.58	ng		97
35) Caprolactam	12.010	113	149043	52.15	ng	#	26
36) 4-Chloro-3-methylphenol	12.399	107	504183	50.53	ng		90
37) 2-Methylnaphthalene	12.769	142	1041999	46.76	ng		97
38) 1-Methylnaphthalene	12.987	142	978264	46.02	ng		97
40) 1,2,4,5-Tetrachloroben...	13.146	216	566988	48.40	ng		98
41) Hexachlorocyclopentadiene	13.140	237	604458	102.28	ng		99
43) 2,4,6-Trichlorophenol	13.369	196	380800	52.59	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.451	196	405755	53.22	ng		97
46) 1,1'-Biphenyl	13.751	154	1300552	47.33	ng		98
47) 2-Chloronaphthalene	13.804	162	1019735	45.23	ng		100
48) 2-Nitroaniline	13.981	65	326623	48.55	ng	#	61
49) Acenaphthylene	14.640	152	1610154	48.64	ng		99
50) Dimethylphthalate	14.351	163	1561286	56.43	ng		99
51) 2,6-Dinitrotoluene	14.463	165	282978	49.85	ng	#	76
52) Acenaphthene	14.981	154	1118014	50.70	ng		95
53) 3-Nitroaniline	14.793	138	166818	26.55	ng	#	75
54) 2,4-Dinitrophenol	14.998	184	254193	79.88	ng	#	15
55) Dibenzofuran	15.310	168	1538865	46.97	ng		99
56) 4-Nitrophenol	15.116	139	488736	107.91	ng	#	68
57) 2,4-Dinitrotoluene	15.251	165	393812	51.67	ng	#	80
58) Fluorene	15.957	166	1256889	47.91	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.545	232	353700	51.46	ng		97
60) Diethylphthalate	15.698	149	1249960	46.14	ng		98
61) 4-Chlorophenyl-phenyle...	15.934	204	658946	45.96	ng		96
62) 4-Nitroaniline	15.951	138	263706	40.25	ng		90
63) Azobenzene	16.228	77	1171451	45.80	ng		87
65) 4,6-Dinitro-2-methylph...	16.022	198	192307	48.57	ng		82
66) n-Nitrosodiphenylamine	16.145	169	1094759	48.72	ng		97
67) 4-Bromophenyl-phenylether	16.822	248	406799	47.37	ng		97
68) Hexachlorobenzene	16.987	284	451986	46.12	ng		98
69) Atrazine	17.075	200	330318	44.78	ng		96
70) Pentachlorophenol	17.316	266	552748	117.91	ng		98
71) Phenanthrene	17.686	178	2067112	50.18	ng		99
72) Anthracene	17.775	178	2005342	50.40	ng		99
73) Carbazole	18.028	167	1786712	48.40	ng		98
74) Di-n-butylphthalate	18.545	149	2127320	49.78	ng		99
75) Fluoranthene	19.616	202	2395212	50.39	ng		99
77) Benzidine	19.763	184	857070	54.13	ng		100
78) Pyrene	19.963	202	2433265	53.42	ng		99
80) Butylbenzylphthalate	20.780	149	913116	53.79	ng	#	86
81) Benzo(a)anthracene	21.651	228	2182978	49.31	ng		98
82) 3,3'-Dichlorobenzidine	21.563	252	541926	35.49	ng		99
83) Chrysene	21.710	228	2094603	49.25	ng		98
84) Bis(2-ethylhexyl)phtha...	21.533	149	1320654	52.78	ng		98
85) Di-n-octyl phthalate	22.463	149	2309943	55.42	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.710	276	2446546	47.02	ng		97
88) Benzo(b)fluoranthene	23.392	252	2221036	47.06	ng		99
89) Benzo(k)fluoranthene	23.439	252	2103690	45.14	ng		99
90) Benzo(a)pyrene	24.039	252	2006430	45.92	ng		98
91) Dibenzo(a,h)anthracene	26.710	278	2049787	47.26	ng		98
92) Benzo(g,h,i)perylene	27.498	276	2091004	49.81	ng		97

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

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