Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110520\
Data File : BP003823.D
Acq On : 05 Nov 2020 16:25
Operator : CG/JU
Sample : L4625-12MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CONTAINER-002-A-B-COMPMSD

Manual Integrations APPROVED
mohammad
11/6/2020 10:32:45 AM

Quant Time: Nov 05 17:35:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 05 14:31:45 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.299	152	173635	20.00	ng	0.00
21) Naphthalene-d8	11.128	136	650214	20.00	ng	# 0.00
39) Acenaphthene-d10	14.910	164	373707	20.00	ng	0.00
64) Phenanthrene-d10	17.639	188	720550	20.00	ng	# 0.00
76) Chrysene-d12	21.657	240	651428	20.00	ng	0.00
86) Perylene-d12	24.127	264	729293	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.816	112	1100243	105.76	ng	0.00
7) Phenol-d6	7.463	99	1397772	93.59	ng	0.00
23) Nitrobenzene-d5	9.457	82	912422m	68.73	ng	0.00
42) 2,4,6-Tribromophenol	16.392	330	477732	102.21	ng	0.00
45) 2-Fluorobiphenyl	13.540	172	1714947	64.16	ng	0.00
79) Terphenyl-d14	20.128	244	1927885	57.18	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.511	88	177723	39.60	ng	# 63
3) Pyridine	3.946	79	515354	39.15	ng	# 64
4) n-Nitrosodimethylamine	3.846	42	259505	42.82	ng	# 58
6) Aniline	7.599	93	370861	21.87	ng	# 87
8) 2-Chlorophenol	7.869	128	514464	46.58	ng	83
9) Benzaldehyde	7.399	77	124850	15.27	ng	# 81
10) Phenol	7.493	94	668433	46.38	ng	85
11) bis(2-Chloroethyl)ether	7.687	93	517945	44.72	ng	# 82
12) 1,3-Dichlorobenzene	8.193	146	591696	43.71	ng	# 94
13) 1,4-Dichlorobenzene	8.334	146	599530	43.93	ng	96
14) 1,2-Dichlorobenzene	8.669	146	572489	43.92	ng	97
15) Benzyl Alcohol	8.528	79	472483	45.68	ng	# 87
16) 2,2'-oxybis(1-Chloropr...	8.828	45	760086	38.96	ng	82
17) 2-Methylphenol	8.758	107	427653	45.20	ng	95
18) Hexachloroethane	9.416	117	216692	44.68	ng	98
19) n-Nitroso-di-n-propyla...	9.105	70	385800	43.22	ng	# 79
20) 3+4-Methylphenols	9.081	107	570615	45.18	ng	95
22) Acetophenone	9.116	105	760706	43.59	ng	# 87
24) Nitrobenzene	9.505	77	572111	43.36	ng	# 82
25) Isophorone	10.028	82	1017256	45.11	ng	# 90
26) 2-Nitrophenol	10.228	139	274773	53.34	ng	# 78
27) 2,4-Dimethylphenol	10.293	122	452352	52.64	ng	93
28) bis(2-Chloroethoxy)met...	10.504	93	632188	40.85	ng	98
29) 2,4-Dichlorophenol	10.781	162	477249	46.09	ng	95
30) 1,2,4-Trichlorobenzene	10.999	180	538270	42.67	ng	99
31) Naphthalene	11.181	128	1519029	43.53	ng	99
32) Benzoic acid	10.446	122	275022	46.00	ng	# 81
33) 4-Chloroaniline	11.269	127	238048	16.05	ng	# 91
34) Hexachlorobutadiene	11.493	225	348361	42.34	ng	99
35) Caprolactam	11.999	113	144000	44.97	ng	# 25
36) 4-Chloro-3-methylphenol	12.393	107	496667	44.43	ng	91
37) 2-Methylnaphthalene	12.763	142	1066196	42.70	ng	96
38) 1-Methylnaphthalene	12.981	142	981314	41.20	ng	98
40) 1,2,4,5-Tetrachloroben...	13.140	216	580692	46.95	ng	98
41) Hexachlorocyclopentadiene	13.134	237	689678	110.53	ng	99
43) 2,4,6-Trichlorophenol	13.363	196	371503	48.59	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.440	196	394972	49.06	ng		97
46) 1,1'-Biphenyl	13.745	154	1312396	45.24	ng		97
47) 2-Chloronaphthalene	13.793	162	1027625	43.17	ng		99
48) 2-Nitroaniline	13.975	65	313243	44.10	ng	#	63
49) Acenaphthylene	14.634	152	1555073	44.49	ng		99
50) Dimethylphthalate	14.345	163	1436314	49.17	ng		99
51) 2,6-Dinitrotoluene	14.457	165	277189	46.25	ng	#	80
52) Acenaphthene	14.975	154	1104588	47.44	ng		91
53) 3-Nitroaniline	14.787	138	174111	26.24	ng	#	76
54) 2,4-Dinitrophenol	14.987	184	265339	79.26	ng	#	1
55) Dibenzofuran	15.304	168	1499047	43.34	ng		100
56) 4-Nitrophenol	15.104	139	457338	95.64	ng	#	67
57) 2,4-Dinitrotoluene	15.240	165	370023	45.98	ng	#	78
58) Fluorene	15.945	166	1193885	43.10	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.534	232	338109	46.59	ng		97
60) Diethylphthalate	15.692	149	1199485	41.94	ng		99
61) 4-Chlorophenyl-phenyle...	15.928	204	637417	42.11	ng		97
62) 4-Nitroaniline	15.939	138	244050	35.28	ng		85
63) Azobenzene	16.222	77	1137039	42.10	ng		87
65) 4,6-Dinitro-2-methylph...	16.010	198	185297	47.79	ng	#	81
66) n-Nitrosodiphenylamine	16.134	169	1045924	47.42	ng		98
67) 4-Bromophenyl-phenylether	16.816	248	384487	45.61	ng		99
68) Hexachlorobenzene	16.975	284	419677	43.63	ng		95
69) Atrazine	17.063	200	304270	42.02	ng		98
70) Pentachlorophenol	17.304	266	510146	110.86	ng		99
71) Phenanthrene	17.681	178	1938971	47.95	ng		99
72) Anthracene	17.769	178	1862669	47.69	ng		98
73) Carbazole	18.016	167	1602795	44.23	ng		99
74) Di-n-butylphthalate	18.539	149	1936707	46.17	ng		99
75) Fluoranthene	19.610	202	2692949	57.71	ng		100
77) Benzidine	19.751	184	598487	38.95	ng		99
78) Pyrene	19.957	202	2677609	60.57	ng		98
80) Butylbenzylphthalate	20.775	149	834174	50.64	ng	#	85
81) Benzo(a)anthracene	21.645	228	2370573	55.18	ng		98
82) 3,3'-Dichlorobenzidine	21.551	252	471072	31.79	ng		98
83) Chrysene	21.698	228	2229410	54.01	ng		98
84) Bis(2-ethylhexyl)phtha...	21.522	149	1233956	50.82	ng		99
85) Di-n-octyl phthalate	22.451	149	2129534	52.65	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.680	276	2515464	47.81	ng		98
88) Benzo(b)fluoranthene	23.380	252	2459336	51.53	ng		99
89) Benzo(k)fluoranthene	23.427	252	2101814	44.60	ng		99
90) Benzo(a)pyrene	24.021	252	2099200	47.51	ng		99
91) Dibenzo(a,h)anthracene	26.680	278	2047361	46.69	ng		98
92) Benzo(g,h,i)perylene	27.468	276	2157425	50.82	ng		97

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

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