Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004031.D
Acq On : 20 Nov 2020 19:08
Operator : CG/JU
Sample : L4829-14MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2MSD

Manual Integrations APPROVED
mohammad
11/24/2020 8:55:26 AM

Quant Time: Nov 23 04:04:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 03:48:44 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.269	152	126100	20.00	ng		-0.02
21) Naphthalene-d8	11.099	136	490990	20.00	ng		#-0.03
39) Acenaphthene-d10	14.892	164	305534	20.00	ng		-0.02
64) Phenanthrene-d10	17.622	188	638095	20.00	ng		#-0.01
76) Chrysene-d12	21.657	240	581299	20.00	ng		0.00
86) Perylene-d12	24.121	264	600688	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.805	112	518732	68.66	ng		0.00
7) Phenol-d6	7.452	99	421190	38.83	ng		0.00
23) Nitrobenzene-d5	9.434	82	935670	93.33	ng		-0.02
42) 2,4,6-Tribromophenol	16.375	330	557121	145.79	ng		-0.01
45) 2-Fluorobiphenyl	13.516	172	2028111	92.80	ng		-0.02
79) Terphenyl-d14	20.122	244	2585274	85.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.493	88	60681	18.62	ng	#	57
3) Pyridine	3.928	79	173296	18.13	ng	#	61
4) n-Nitrosodimethylamine	3.828	42	104163	23.67	ng	#	53
6) Aniline	7.575	93	451358	36.65	ng	#	84
8) 2-Chlorophenol	7.846	128	363193	45.28	ng	#	82
9) Benzaldehyde	7.369	77	133544m	24.59	ng		
10) Phenol	7.481	94	177828	16.99	ng		74
11) bis(2-Chloroethyl)ether	7.658	93	430683	51.20	ng	#	77
12) 1,3-Dichlorobenzene	8.163	146	458297	46.62	ng	#	94
13) 1,4-Dichlorobenzene	8.305	146	465458	46.96	ng		95
14) 1,2-Dichlorobenzene	8.634	146	449889	47.52	ng		97
15) Benzyl Alcohol	8.505	79	273166	36.36	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.793	45	659100	46.52	ng		85
17) 2-Methylphenol	8.740	107	253694	36.92	ng	#	92
18) Hexachloroethane	9.399	117	372497	105.75	ng	#	1
19) n-Nitroso-di-n-propyla...	9.075	70	345722	53.33	ng	#	76
20) 3+4-Methylphenols	9.069	107	306529	33.42	ng	#	76
22) Acetophenone	9.093	105	927578	70.38	ng	#	84
24) Nitrobenzene	9.475	77	546228	54.83	ng	#	75
25) Isophorone	9.999	82	929864	54.61	ng	#	90
26) 2-Nitrophenol	10.199	139	239039	61.45	ng	#	70
27) 2,4-Dimethylphenol	10.275	122	366475	56.48	ng		91
28) bis(2-Chloroethoxy)met...	10.469	93	569493	48.74	ng		97
29) 2,4-Dichlorophenol	10.763	162	403888	51.65	ng		95
30) 1,2,4-Trichlorobenzene	10.969	180	458579	48.14	ng		99
31) Naphthalene	11.151	128	2373574	90.09	ng		100
32) Benzoic acid	10.422	122	44207	16.33	ng	#	75
33) 4-Chloroaniline	11.240	127	476584	42.56	ng	#	88
34) Hexachlorobutadiene	11.457	225	288497	46.43	ng		99
35) Caprolactam	12.004	113	21698	8.97	ng	#	12
36) 4-Chloro-3-methylphenol	12.381	107	407081	48.23	ng		90
37) 2-Methylnaphthalene	12.734	142	1160407	61.55	ng		98
38) 1-Methylnaphthalene	12.951	142	1204016	66.95	ng		99
40) 1,2,4,5-Tetrachloroben...	13.116	216	523648	51.79	ng		99
41) Hexachlorocyclopentadiene	13.104	237	340526	66.75	ng		99
43) 2,4,6-Trichlorophenol	13.345	196	335114	53.61	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004031.D
Acq On : 20 Nov 2020 19:08
Operator : CG/JU
Sample : L4829-14MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2MSD

Manual Integrations APPROVED
mohammad
11/24/2020 8:55:26 AM

Quant Time: Nov 23 04:04:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 03:48:44 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.434	196	353460	53.70	ng	#	97
46) 1,1'-Biphenyl	13.722	154	1212432	51.12	ng		98
47) 2-Chloronaphthalene	13.775	162	957551	49.21	ng		99
48) 2-Nitroaniline	13.957	65	315942	54.41	ng	#	60
49) Acenaphthylene	14.610	152	1475512	51.63	ng		99
50) Dimethylphthalate	14.322	163	1293528	54.16	ng		99
51) 2,6-Dinitrotoluene	14.440	165	271323	55.37	ng	#	73
52) Acenaphthene	14.957	154	1017029	53.43	ng		98
53) 3-Nitroaniline	14.775	138	230267	42.45	ng	#	76
54) 2,4-Dinitrophenol	14.987	184	168677	66.42	ng	#	83
55) Dibenzofuran	15.287	168	1470946	52.01	ng		99
56) 4-Nitrophenol	15.122	139	149045	38.12	ng	#	61
57) 2,4-Dinitrotoluene	15.234	165	373167	56.72	ng	#	78
58) Fluorene	15.928	166	1191956	52.63	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.528	232	300145	50.59	ng		99
60) Diethylphthalate	15.675	149	1191070	50.93	ng		99
61) 4-Chlorophenyl-phenyle...	15.904	204	613122	49.54	ng		99
62) 4-Nitroaniline	15.934	138	253620	44.85	ng		85
63) Azobenzene	16.198	77	1116096	50.55	ng		84
65) 4,6-Dinitro-2-methylph...	16.010	198	151937	44.72	ng		85
66) n-Nitrosodiphenylamine	16.122	169	1027497	52.60	ng		97
67) 4-Bromophenyl-phenylether	16.798	248	376733	50.46	ng		99
68) Hexachlorobenzene	16.963	284	417308	48.99	ng		96
69) Atrazine	17.051	200	304373	47.46	ng		99
70) Pentachlorophenol	17.298	266	377510	92.64	ng		99
71) Phenanthrene	17.663	178	1849124	51.63	ng		100
72) Anthracene	17.751	178	1868526	54.02	ng		100
73) Carbazole	18.010	167	1707762	53.22	ng		99
74) Di-n-butylphthalate	18.522	149	2008756	54.08	ng	#	99
75) Fluoranthene	19.598	202	2132474	51.61	ng		99
77) Benzidine	19.745	184	796958	58.12	ng		99
78) Pyrene	19.951	202	2176394	55.17	ng		99
80) Butylbenzylphthalate	20.763	149	881541	59.97	ng	#	83
81) Benzo(a)anthracene	21.639	228	1990722	51.93	ng		98
82) 3,3'-Dichlorobenzidine	21.551	252	675411	51.08	ng		99
83) Chrysene	21.698	228	1904209	51.70	ng		98
84) Bis(2-ethylhexyl)phtha...	21.516	149	1273585	58.78	ng		100
85) Di-n-octyl phthalate	22.445	149	2176239	60.29	ng	#	87
87) Indeno(1,2,3-cd)pyrene	26.686	276	2170773	50.10	ng		98
88) Benzo(b)fluoranthene	23.374	252	1970973	50.14	ng		100
89) Benzo(k)fluoranthene	23.421	252	1916157	49.37	ng		99
90) Benzo(a)pyrene	24.021	252	1758601	48.33	ng		99
91) Dibenzo(a,h)anthracene	26.680	278	1839820	50.94	ng		98
92) Benzo(g,h,i)perylene	27.474	276	1822442	52.12	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112020\
Data File : BP004031.D
Acq On : 20 Nov 2020 19:08
Operator : CG/JU
Sample : L4829-14MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 23 04:04:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP110320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 03:48:44 2020
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MW-2MSD

Manual Integrations APPROVED
mohammad
11/24/2020 8:55:26 AM